

Converting Colors

XYZ(73.6287, 79.1189, 87.5004)

Have a look what the booklet for
XYZ(73.6287, 79.1189, 87.5004)
contains.

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Color

**XYZ(73.5463, 79.0690,
87.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE8E8
RGB	222, 232, 232
RGB Percent	87%, 91%, 91%
CMY	0.1294, 0.0902, 0.0902
CMYK	0.04, 0.00, 0.00, 0.09
HSL	180°, 18%, 89%
HSV	180°, 4%, 91%
XYZ	73.5463, 79.0690, 87.7295
YIQ	229.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

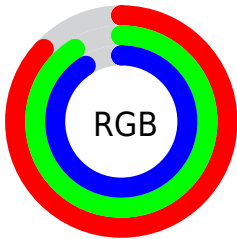
Format	Color
R _Y B	222, 227, 232
Decimal	14608616
CIE Lab	91.27, -3.32, -1.16
CIE LCh	91, 3.517, 199.342
Yxy	79.0690, 0.3060, 0.3290
Android (android.graphics.Color)	4292798696 (0xFFDEE8E8)
YUV	229.0100, 1.4741, -6.1478
Hunter-Lab	88.9208, -7.9741, 3.7488

Details

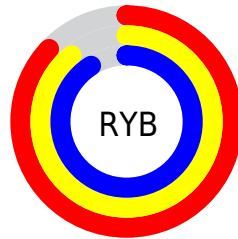
The XYZ color **73.5463, 79.0690, 87.7295** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.5877, 74.6744, 79.6988**, and the grayscale version is **74.4781, 78.3567, 85.3305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2982, 42.4007, 47.1872** is the 20% darker color. If you saturate the color by 10%, you get **66.9231, 75.6570, 87.4149**, and if you desaturate by 10%, it is **81.1518, 82.9918, 88.0933**.

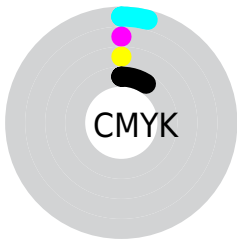
Distribution



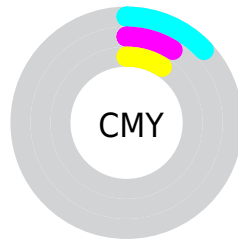
- Red (87%)
- Green (91%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5463, 79.0690, 87.7295 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.5463, 79.0690, 87.7295 by changing the saturation by 10% instead.

■ 73.5463, 79.0690,
87.7295

■ 73.5463, 79.0690,
87.7295

461.9805,
491.7897, 540.9953

■ 54.7127, 58.9525,
65.5360

123.2514,
132.0560, 146.0883

■ 39.4047, 42.5749,
47.4417

154.8537,
165.6953, 183.0907

■ 27.2569, 29.5517,
33.0282

191.4429,
204.6111, 225.8666

■ 17.9038, 19.4986,
21.8767

233.3844,
249.1876, 274.8343

■ 10.9802, 12.0311,
13.5689

281.0435,
299.8093, 330.4125

■ 6.1207, 6.7649,
7.6861

334.7857,

■ 2.9600, 3.3155,

356.8607, 393.0197

3.8099

394.9763,
420.7260, 463.0745

■ 1.1326, 1.2986,
1.5216

■ 0.0522, 0.1401,
0.2340

■ 73.5463, 79.0690,
87.7295

■ 73.5463, 79.0690,
87.7295

■ 66.9231, 75.6570,
87.4149

■ 81.1518, 82.9918,
88.0933

■ 61.2358, 72.7252,
87.1425

■ 84.6662, 84.8035,
88.2640

■ 56.4442, 70.2551,
86.9120

■ 84.6674, 84.8039,
88.2703

■ 52.5027, 68.2234,
86.7213

■ 84.6686, 84.8044,
88.2766

■ 49.3616, 66.6042,
86.5681

■ 84.6698, 84.8049,
88.2830

■ 46.9662, 65.3695,
86.4497

■ 84.6710, 84.8054,
88.2893

■ 45.2547, 64.4873,
86.3634

■ 84.6722, 84.8058,
88.2956

■ 44.1558, 63.9209,
86.3057

■ 84.6734, 84.8063,
88.3019

■ 43.5820, 63.6253,
86.2726

■ 84.6746, 84.8068,
88.3082

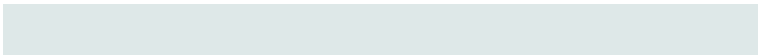
Harmonies

Analogous

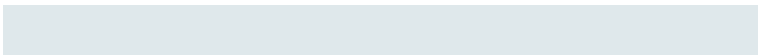
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4801, 79.0690, 85.1876



73.5463, 79.0690, 87.7295



74.0410, 79.0690, 89.8722

Triad

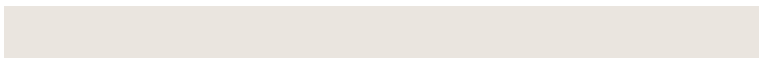
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5463, 79.0690, 87.7295



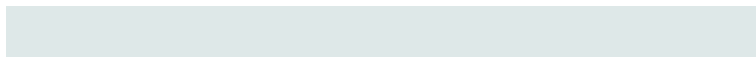
76.4611, 79.0690, 89.3322



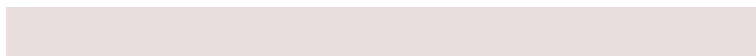
75.4703, 79.0690, 81.3560

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



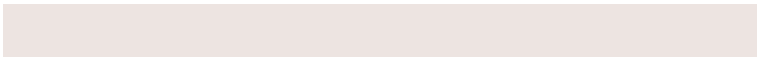
73.5463, 79.0690, 87.7295



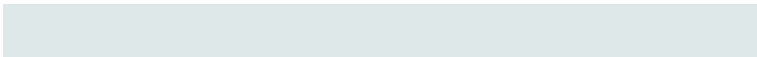
72.5877, 74.6744, 79.6988

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2755, 79.0690, 82.4206



73.5463, 79.0690, 87.7295



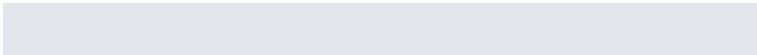
76.8505, 79.0690, 87.0042

Square

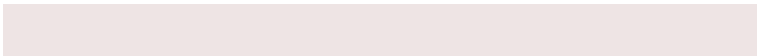
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5463, 79.0690, 87.7295



75.7221, 79.0690, 90.8102



76.7823, 79.0690, 84.4764



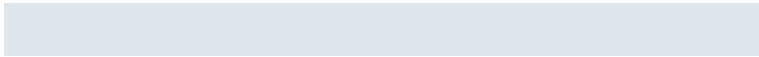
74.5862, 79.0690, 81.5415

Rectangle

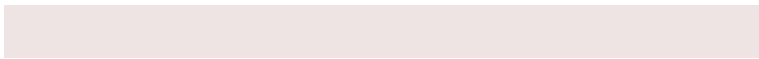
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5463, 79.0690, 87.7295



74.5494, 79.0690, 90.7702



76.7823, 79.0690, 84.4764



75.7593, 79.0690, 81.5787

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.5486, 79.0724, 87.7312



94.1179, 99.5195, 108.8556



72.2190, 78.5464, 80.4631



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



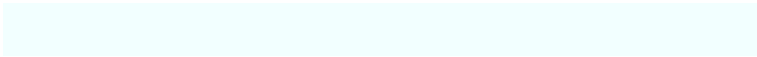
20.3446, 21.4041, 23.3091

Same Dimension

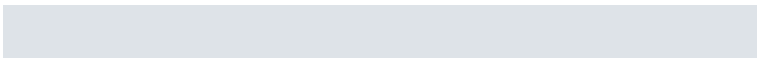
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5486, 79.0724, 87.7312



90.5131, 97.6612, 108.6838



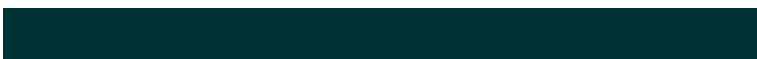
72.2066, 76.3877, 87.2865



15.3502, 16.6162, 18.5418



24.0997, 35.2720, 47.8869



1.7810, 2.6065, 3.5391

Inverse Universe

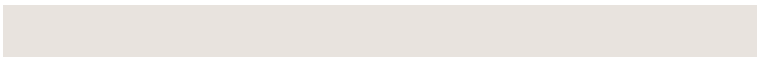
The Inverse Universe completely reimagines the original color for something new.



72.5877, 74.6744, 79.6988



89.1319, 91.3393, 97.1375



73.8899, 77.2796, 80.1305



15.0855, 15.4045, 16.3287



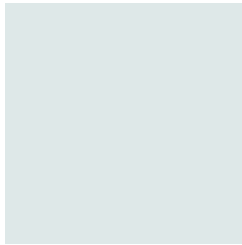
18.4754, 9.5244, 0.8665



1.3653, 0.7038, 0.0644

Previews

White Background



This preview shows how the XYZ color 73.5463, 79.0690, 87.7295 looks on a white background.

Color Contrast Check

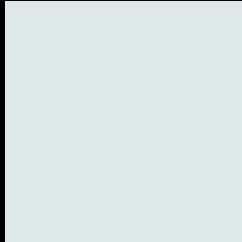
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.5463, 79.0690, 87.7295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

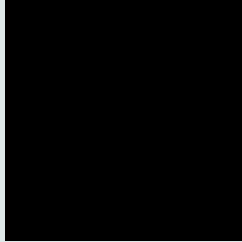
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

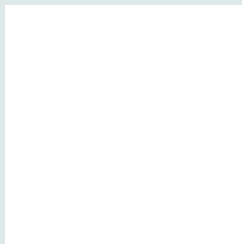
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5463, 79.0690, 87.7295

Background



This preview shows how black text looks on a background with the XYZ color 73.5463, 79.0690, 87.7295.



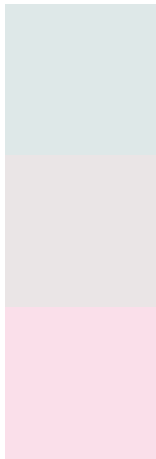
This preview shows how white text looks on a background with the XYZ color 73.5463, 79.0690,

87.7295.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.5463, 79.0690, 87.7295

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

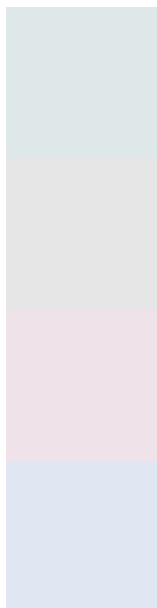
80.6633, 79.0399, 88.8467



Tritanopia

76.2914, 79.3785, 100.1075

Trichromacy



Original Color

73.5463, 79.0690, 87.7295

Protanomaly

75.3537, 79.1861, 86.9142

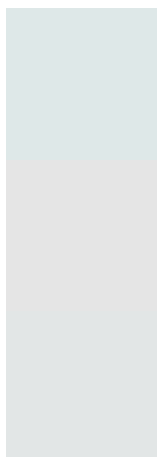
Deuteranomaly

77.8395, 78.8012, 88.1984

Tritanomaly

75.3434, 79.4099, 95.3610

Monochromacy



Original Color

73.5463, 79.0690, 87.7295

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.9438, 78.4756, 86.1130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5463, 79.0690, 87.7295 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(222, 232, 232) looks like.

```
.text, #text, p{  
    color:rgb(222, 232, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 232, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.5463, 79.0690, 87.7295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 232, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 232, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 232,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5463, 79.0690, 87.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 232, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
232, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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