

Converting Colors

XYZ(73.8029, 79.2208, 87.7825)

Have a look what the booklet for
XYZ(73.8029, 79.2208, 87.7825)
contains.

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Color

**XYZ(73.8535, 79.2274,
87.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8E8
RGB	223, 232, 232
RGB Percent	87%, 91%, 91%
CMY	0.1255, 0.0902, 0.0902
CMYK	0.04, 0.00, 0.00, 0.09
HSL	180°, 16%, 89%
HSV	180°, 4%, 91%
XYZ	73.8535, 79.2274, 87.7439
YIQ	229.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

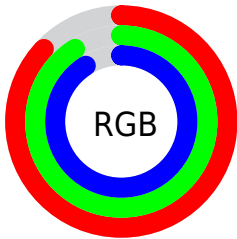
Format	Color
RYB	223, 228, 232
Decimal	14674152
CIELab	91.34, -2.99, -1.05
CIELCh	91, 3.168, 199.384
Yxy	79.2274, 0.3067, 0.3290
Android (android.graphics.Color)	4292864232 (0xFFDFE8E8)
YUV	229.3090, 1.3267, -5.5330
Hunter-Lab	89.0098, -7.6615, 3.8600

Details

The XYZ color **73.8535, 79.2274, 87.7439** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.9885, 75.2609, 80.4956**, and the grayscale version is **74.6989, 78.5891, 85.5835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5103, 42.5101, 47.1971** is the 20% darker color. If you saturate the color by 10%, you get **67.1888, 75.7940, 87.4265**, and if you desaturate by 10%, it is **81.5022, 83.1725, 88.1106**.

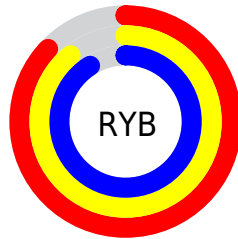
Distribution



Red (87%)

Green (91%)

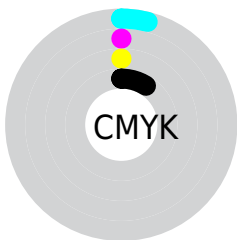
Blue (91%)



Red (87%)

Yellow (89%)

Blue (91%)

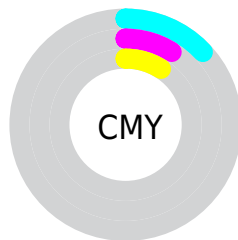


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8535, 79.2274, 87.7439 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 73.8535, 79.2274, 87.7439 by changing the saturation by 10% instead.

■ 73.8535, 79.2274,
87.7439

■ 73.8535, 79.2274,
87.7439

463.0257,
492.3253, 541.0438

■ 54.9650, 59.0828,
65.5479

123.6847,
132.2789, 146.1086

■ 39.6074, 42.6798,
47.4513

155.3582,
165.9547, 183.1143

■ 27.4154, 29.6339,
33.0357

192.0240,
204.9096, 225.8936

■ 18.0237, 19.5609,
21.8824

234.0475,
249.5280, 274.8651

■ 11.0668, 12.0763,
13.5730

281.7940,
300.1944, 330.4474

■ 6.1794, 6.7956,
7.6890

335.6290,

■ 2.9962, 3.3346,

357.2932, 393.0588

3.8117

395.9178,
421.2087, 463.1181

■ 1.1517, 1.3088,
1.5226

■ 0.0677, 0.1480,
0.2347

■ 73.8535, 79.2274,
87.7439

■ 73.8535, 79.2274,
87.7439

■ 67.1888, 75.7940,
87.4265

■ 81.5022, 83.1725,
88.1106

■ 61.4617, 72.8417,
87.1514

■ 84.6666, 84.8036,
88.2658

■ 56.6323, 70.3522,
86.9183

■ 84.6679, 84.8042,
88.2729

■ 52.6550, 68.3020,
86.7251

■ 84.6693, 84.8047,
88.2801

■ 49.4803, 66.6656,
86.5695

■ 84.6707, 84.8053,
88.2872

■ 47.0538, 65.4148,
86.4488

■ 84.6720, 84.8058,
88.2944

■ 45.3142, 64.5181,
86.3603

■ 84.6734, 84.8064,
88.3015

■ 44.1903, 63.9389,
86.3006

■ 84.6747, 84.8069,
88.3087

■ 43.5958, 63.6326,
86.2657

■ 84.6761, 84.8074,
88.3158

Harmonies

Analogous

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



73.7931, 79.2274, 85.4516



73.8535, 79.2274, 87.7439



74.3008, 79.2274, 89.6719

Triad

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



73.8535, 79.2274, 87.7439



76.4836, 79.2274, 89.1813



75.5886, 79.2274, 81.9838

Complementary

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



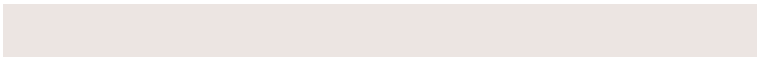
73.8535, 79.2274, 87.7439



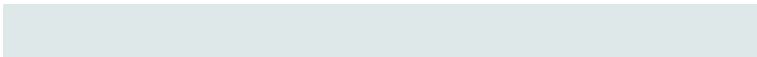
72.9885, 75.2609, 80.4956

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.



76.3147, 79.2274, 82.9458



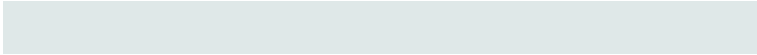
73.8535, 79.2274, 87.7439



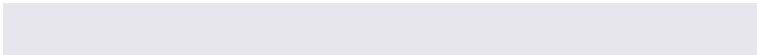
76.8339, 79.2274, 87.0839

Square

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



73.8535, 79.2274, 87.7439



75.8178, 79.2274, 90.5120



76.7719, 79.2274, 84.8031



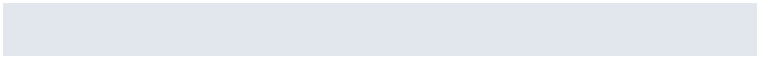
74.7910, 79.2274, 82.1533

Rectangle

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



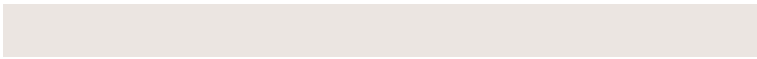
73.8535, 79.2274, 87.7439



74.7599, 79.2274, 90.4784



76.7719, 79.2274, 84.8031



75.8492, 79.2274, 82.1849

Sweetspot

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



73.8558, 79.2308, 87.7456



94.1179, 99.5195, 108.8555



72.6558, 78.7561, 81.1852



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



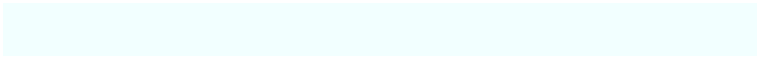
20.3446, 21.4041, 23.3091

Same Dimension

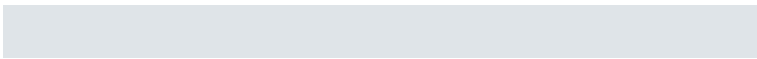
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8558, 79.2308, 87.7456



90.5130, 97.6612, 108.6833



72.6463, 76.8111, 87.3451



15.3502, 16.6162, 18.5417



24.0988, 35.2716, 47.8823



1.7809, 2.6065, 3.5388

Inverse Universe

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



72.9885, 75.2609, 80.4956



89.1320, 91.3393, 97.1380



74.1658, 77.6162, 80.8856



15.0855, 15.4045, 16.3288



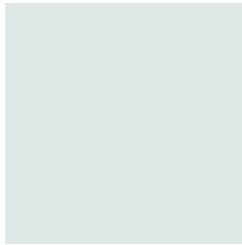
18.4754, 9.5244, 0.8667



1.3654, 0.7039, 0.0645

Previews

White Background



This preview shows how the XYZ color 73.8535, 79.2274, 87.7439 looks on a white background.

Color Contrast Check

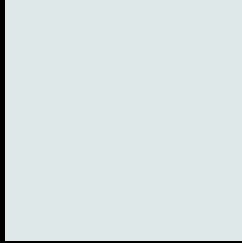
Large Text (above 18pt) WCAG AA × Fail

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 73.8535, 79.2274, 87.7439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

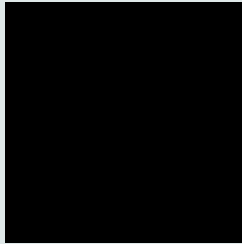
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

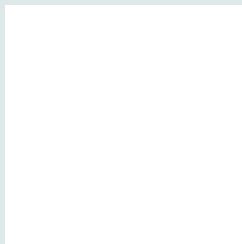
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8535, 79.2274, 87.7439

Background



This preview shows how black text looks on a background with the XYZ color 73.8535, 79.2274, 87.7439.



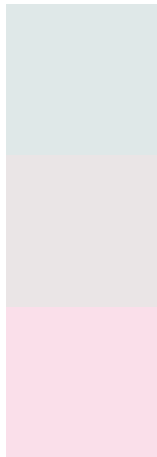
This preview shows how white text looks on a background with the XYZ color 73.8535, 79.2274,

87.7439.

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

73.8535, 79.2274, 87.7439

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

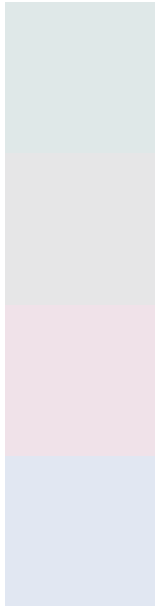
80.6633, 79.0399, 88.8467



Tritanopia

76.6041, 79.5397, 100.1222

Trichromacy



Original Color

73.8535, 79.2274, 87.7439

Protanomaly

75.3537, 79.1861, 86.9142

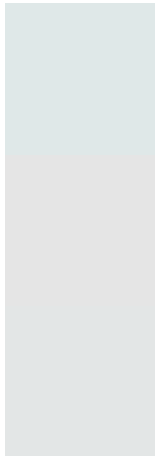
Deuteranomaly

77.8395, 78.8012, 88.1984

Tritanomaly

75.6543, 79.5702, 95.3756

Monochromacy



Original Color

73.8535, 79.2274, 87.7439

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2583, 78.6377, 86.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8535, 79.2274, 87.7439 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(223, 232, 232) looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.8535, 79.2274, 87.7439 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(223, 232, 232) }
```


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

```
.border{ border-color:rgb(223, 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(223, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8535, 79.2274, 87.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 232) }
```

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

```
.background{ background-color: rgb(223,  
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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