

Converting Colors

XYZ(72.6162, 77.4240, 89.7155)

Have a look what the booklet for
XYZ(72.6162, 77.4240, 89.7155)
contains.

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Color

**XYZ(72.5299, 77.2524,
89.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE5EB
RGB	220, 229, 235
RGB Percent	86%, 90%, 92%
CMY	0.1372, 0.1019, 0.0784
CMYK	0.06, 0.03, 0.00, 0.08
HSL	204°, 27%, 89%
HSV	204°, 6%, 92%
XYZ	72.5299, 77.2524, 89.6857
YIQ	226.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

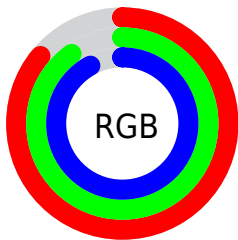
Format	Color
R _Y B	220, 226, 235
Decimal	14476779
CIE Lab	90.44, -1.87, -3.97
CIE LCh	90, 4.386, 244.701
Yxy	77.2524, 0.3029, 0.3226
Android (android.graphics.Color)	4292666859 (0xFFDCE5EB)
YUV	226.9930, 3.9475, -6.1329
Hunter-Lab	87.8933, -6.5145, 1.0263

Details

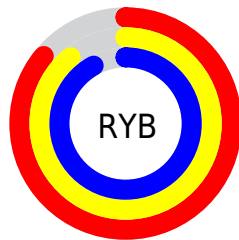
The XYZ color **72.5299, 77.2524, 89.6857** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3758, 77.2216, 78.6967**, and the grayscale version is **72.9864, 76.7874, 83.6215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7898, 41.5261, 48.6187** is the 20% darker color. If you saturate the color by 10%, you get **63.3824, 68.7837, 88.5344**, and if you desaturate by 10%, it is **82.8223, 86.5245, 90.9341**.

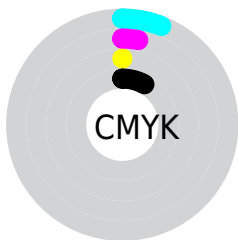
Distribution



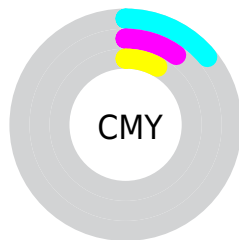
- Red (86%)
- Green (90%)
- Blue (92%)



- Red (86%)
- Yellow (89%)
- Blue (92%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5299, 77.2524, 89.6857 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 72.5299, 77.2524, 89.6857 by changing the saturation by 10% instead.

■ 72.5299, 77.2524,
89.6857

■ 72.5299, 77.2524,
89.6857

458.5130,
485.6242, 547.5516

■ 53.8787, 57.4601,
67.1477

121.8163,
129.4957, 148.8334

■ 38.7349, 41.3747,
48.7424

153.1823,
162.7155, 186.2803

■ 26.7334, 28.6120,
34.0510

189.5171,
201.1798, 229.5339

■ 17.5086, 18.7875,
22.6551

231.1863,
245.2731, 279.0128

■ 10.6953, 11.5168,
14.1361

278.5551,
295.3798, 335.1354

■ 5.9281, 6.4156,
8.0756

331.9889,

■ 2.8417, 3.0994,

351.8843, 398.3204

4.0549

391.8531,
415.1710, 468.9863

■ 1.0706, 1.1838,
1.6555

■ 0.0003, 0.0485,
0.3300

■ 72.5299, 77.2524,
89.6857

■ 72.5299, 77.2524,
89.6857

■ 63.3824, 68.7837,
88.5344

■ 82.8223, 86.5245,
90.9341

■ 55.3295, 61.0826,
87.4724

■ 89.7398, 94.2666,
92.0639

■ 48.3268, 54.1252,
86.4985

■ 91.9956, 98.7782,
92.8158

■ 42.3240, 47.8821,
85.6099

■ 37.2667, 42.3216,
84.8031

■ 33.0944, 37.4090,
84.0748

■ 29.7392, 33.1056,
83.4210

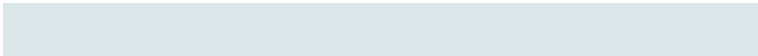
■ 27.1220, 29.3667,
82.8373

■ 25.1442, 26.1375,
82.3182

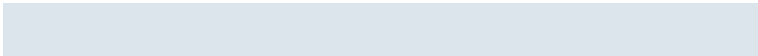
Harmonies

Analogous

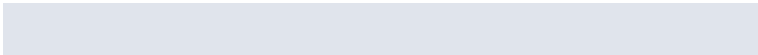
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.7085, 77.2524, 87.5949



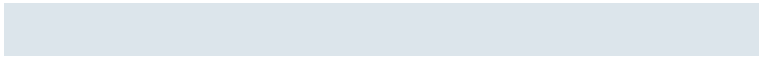
72.5299, 77.2524, 89.6857



73.5988, 77.2524, 90.2694

Triad

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



72.5299, 77.2524, 89.6857



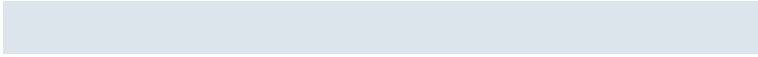
75.5448, 77.2524, 83.6214



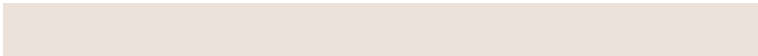
72.2338, 77.2524, 79.2535

Complementary

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



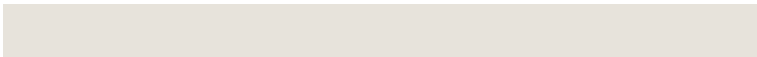
72.5299, 77.2524, 89.6857



74.3758, 77.2216, 78.6967

Split Complementary

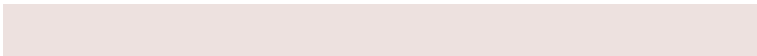
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2536, 77.2524, 78.2463



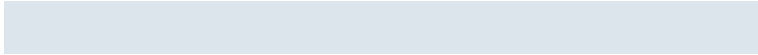
72.5299, 77.2524, 89.6857



75.1709, 77.2524, 80.7280

Square

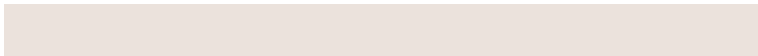
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5299, 77.2524, 89.6857



75.3464, 77.2524, 86.7183



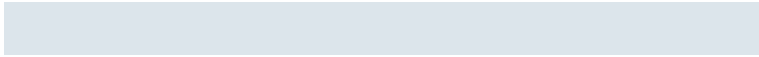
74.3296, 77.2524, 78.7794



71.5387, 77.2524, 81.5638

Rectangle

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



72.5299, 77.2524, 89.6857



74.3096, 77.2524, 89.7134



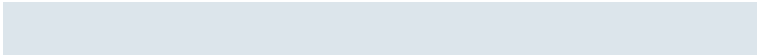
74.3296, 77.2524, 78.7794



72.5496, 77.2524, 78.7539

Sweetspot

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



72.5321, 77.2557, 89.6874



92.5515, 97.7516, 108.5977



72.9179, 80.1108, 83.3928



19.8361, 20.9465, 23.2476



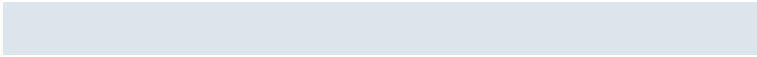
0.0000, 0.0000, 0.0000



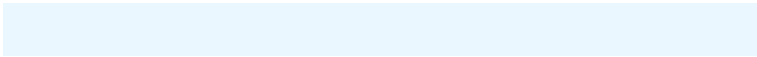
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5321, 77.2557, 89.6874



85.3923, 91.2408, 107.7183



70.5668, 73.3250, 89.0323



14.9832, 16.0529, 19.2311



13.7794, 14.2058, 45.7587



1.1757, 1.3029, 3.6244

Inverse Universe

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



73.9987, 74.5072, 84.6137



87.5985, 87.1537, 100.0756



76.3902, 81.2502, 79.3681



15.4451, 15.2059, 17.6291



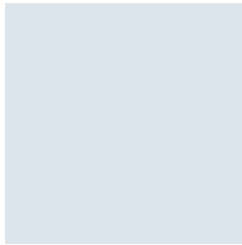
21.8105, 10.9269, 15.3353



1.7599, 0.8769, 1.4532

Previews

White Background



This preview shows how the XYZ color 72.5299, 77.2524, 89.6857 looks on a white background.

Color Contrast Check

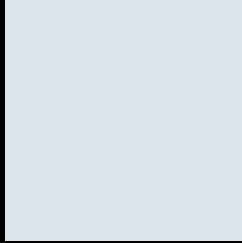
Large Text (above 18pt) WCAG AA × Fail

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 72.5299, 77.2524, 89.6857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

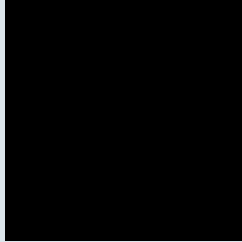
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

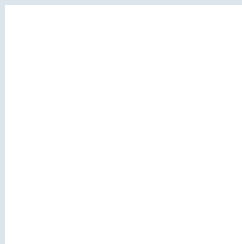
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5299, 77.2524, 89.6857

Background



This preview shows how black text looks on a background with the XYZ color 72.5299, 77.2524, 89.6857.

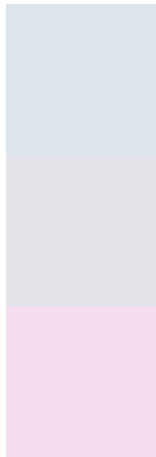


This preview shows how white text looks on a background with the XYZ color 72.5299, 77.2524,

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

72.5299, 77.2524, 89.6857

Protanopia

74.5375, 77.0989, 88.0438

Deuteranopia

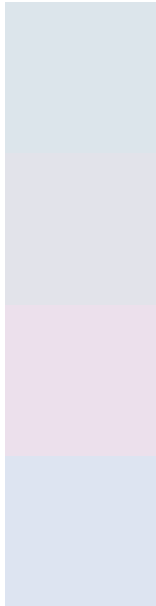
78.7987, 77.2398, 90.8764



Tritanopia

74.0747, 77.0603, 97.3562

Trichromacy



Original Color

72.5299, 77.2524, 89.6857

Protanomaly

73.6844, 77.0474, 88.8300

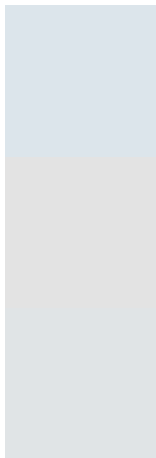
Deuteranomaly

76.3880, 77.2003, 90.2319

Tritanomaly

73.4394, 77.2098, 94.2514

Monochromacy



Original Color

72.5299, 77.2524, 89.6857

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7668, 77.0473, 85.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5299, 77.2524, 89.6857 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(220, 229, 235) looks like.

```
.text, #text, p{  
    color:rgb(220, 229, 235)  
}
```

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(220, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 229, 235) }
```

Border

The CSS property to change the border of an element to XYZ 72.5299, 77.2524, 89.6857 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(220, 229, 235) }
```


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

```
.border{ border-color:rgb(220, 229, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 229, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 229,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5299, 77.2524, 89.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 229, 235) }
```

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

```
.background{ background-color: rgb(220,  
229, 235) }
```

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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