

Converting Colors

XYZ(72.4910, 79.6502, 94.7780)

Have a look what the booklet for
XYZ(72.4910, 79.6502, 94.7780)
contains.

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Color

**XYZ(72.4495, 79.6164,
94.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EBF1
RGB	211, 235, 241
RGB Percent	83%, 92%, 95%
CMY	0.1725, 0.0784, 0.0549
CMYK	0.12, 0.02, 0.00, 0.05
HSL	192°, 52%, 89%
HSV	192°, 12%, 95%
XYZ	72.4495, 79.6164, 94.7681
YIQ	228.5080, -16.2300, -3.2220

Conversions

Conversions Part 2

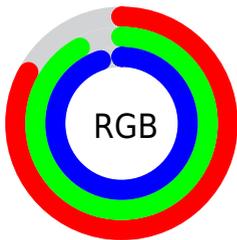
Format	Color
R _Y B	211, 224, 241
Decimal	13888497
CIE Lab	91.51, -6.68, -5.59
CIE LCh	92, 8.706, 219.933
Yxy	79.6164, 0.2935, 0.3226
Android (android.graphics.Color)	4292078577 (0xFFD3EBF1)
YUV	228.5080, 6.1586, -15.3545
Hunter-Lab	89.2280, -11.2143, -0.5116

Details

The XYZ color **72.4495, 79.6164, 94.7681** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8469, 73.0294, 71.8862**, and the grayscale version is **74.0815, 77.9395, 84.8761**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5874, 42.8109, 52.1285** is the 20% darker color. If you saturate the color by 10%, you get **64.6961, 73.6015, 94.0170**, and if you desaturate by 10%, it is **81.2800, 86.2462, 95.5836**.

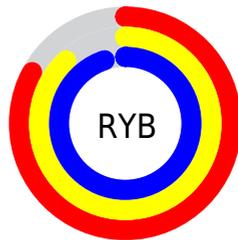
Distribution



Red (83%)

Green (92%)

Blue (95%)



Red (83%)

Yellow (88%)

Blue (95%)

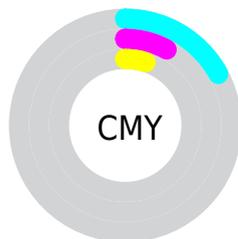


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (17%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4495, 79.6164, 94.7681 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 72.4495, 79.6164, 94.7681 by changing the saturation by 10% instead.

■ 72.4495, 79.6164,
94.7681

■ 72.4495, 79.6164,
94.7681

458.2380,
493.6391, 564.3877

■ 53.8127, 59.4027,
71.3462

121.7027,
132.8263, 155.9370

■ 38.6820, 42.9374,
52.1412

153.0499,
166.5913, 194.5211

■ 26.6921, 29.8360,
36.7346

189.3646,
205.6422, 238.9962

■ 17.4775, 19.7141,
24.7079

231.0121,
250.3634, 289.7810

■ 10.6729, 12.1874,
15.6425

278.3579,
301.1393, 347.2941

■ 5.9130, 6.8715,
9.1199

331.7672,

■ 2.8324, 3.3818,

358.3543, 411.9538

4.7216

391.6055,
422.3928, 484.1788

■ 1.0658, 1.3342,
2.0290

■ 0.0000, 0.1674,
0.5730

■ 72.4495, 79.6164,
94.7681

■ 72.4495, 79.6164,
94.7681

■ 64.6961, 73.6015,
94.0170

■ 81.2800, 86.2462,
95.5836

■ 57.9666, 68.1674,
93.3228

■ 89.6610, 92.6981,
96.3872

■ 52.2137, 63.2914,
92.6849

■ 91.1346, 95.6453,
96.8784

■ 47.3835, 58.9451,
92.1005

■ 92.6465, 98.6690,
97.3824

■ 43.4167, 55.0976,
91.5670

■ 92.8774, 99.1310,
97.4594

■ 40.2469, 51.7143,
91.0810

■ 37.7973, 48.7550,
90.6389

■ 35.9758, 46.1718,
90.2363

■ 34.9093, 44.4147,
89.9533

Harmonies

Analogous

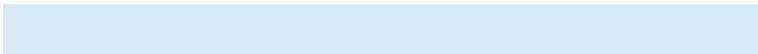
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5492, 79.6164, 88.8129



72.4495, 79.6164, 94.7681



74.2190, 79.6164, 98.6756

Triad

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



72.4495, 79.6164, 94.7681



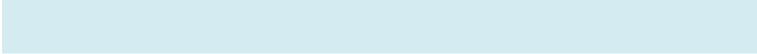
79.7502, 79.6164, 90.9476



74.9396, 79.6164, 75.2051

Complementary

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



72.4495, 79.6164, 94.7681



72.8469, 73.0294, 71.8862

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.



77.1458, 79.6164, 75.7142



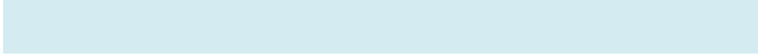
72.4495, 79.6164, 94.7681



79.9523, 79.6164, 84.5986

Square

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



72.4495, 79.6164, 94.7681



78.4439, 79.6164, 96.3962



78.9907, 79.6164, 79.0821



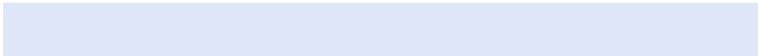
72.9682, 79.6164, 77.6559

Rectangle

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



72.4495, 79.6164, 94.7681



75.6680, 79.6164, 99.4861



78.9907, 79.6164, 79.0821



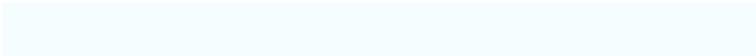
75.6780, 79.6164, 75.0387

Sweetspot

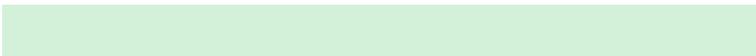
The Sweet Spot groups the original color and five complimentary colors.



72.4518, 79.6197, 94.7699



90.7494, 96.8225, 108.5134



70.7801, 81.7447, 77.3544



19.2559, 20.5989, 23.2110



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.



72.4518, 79.6197, 94.7699



79.9602, 88.6718, 107.5088



68.4672, 71.6505, 93.4417



15.9634, 17.3608, 20.2312



19.0280, 24.2803, 48.8116



1.6503, 2.1546, 4.0831

Inverse Universe

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



74.5671, 71.2892, 88.4311



82.8317, 77.4942, 98.8747



76.7509, 80.8375, 73.1875



16.3109, 15.9741, 19.1936



24.9301, 12.2445, 28.6121



2.1079, 1.0322, 2.5593

Previews

White Background



This preview shows how the XYZ color 72.4495, 79.6164, 94.7681 looks on a white background.

Color Contrast Check

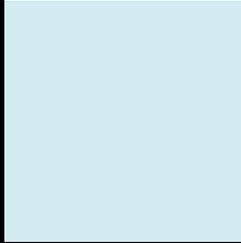
Large Text (above 18pt) WCAG AA × Fail

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 72.4495, 79.6164, 94.7681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

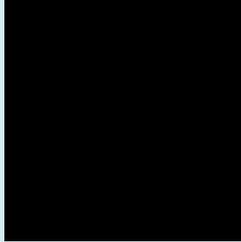
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

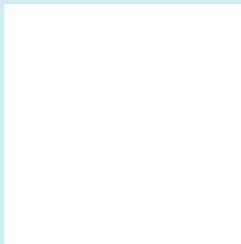
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4495, 79.6164, 94.7681

Background



This preview shows how black text looks on a background with the XYZ color 72.4495, 79.6164, 94.7681.



This preview shows how white text looks on a background with the XYZ color 72.4495, 79.6164,

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

72.4495, 79.6164, 94.7681

Protanopia

76.5841, 79.3089, 91.3925

Deuteranopia

81.1911, 79.5565, 95.8707



Tritanopia

74.1502, 79.4522, 103.5231

Trichromacy



Original Color

72.4495, 79.6164, 94.7681

Protanomaly

74.7490, 79.1722, 92.2310

Deuteranomaly

77.7021, 79.3900, 95.2329

Tritanomaly

73.5175, 79.6200, 100.3003

Monochromacy



Original Color

72.4495, 79.6164, 94.7681

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.4081, 78.5646, 88.3863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4495, 79.6164, 94.7681 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(211, 235, 241)` looks like.

```
.text, #text, p{  
    color:rgb(211, 235, 241)  
}
```

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(211, 235, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 235, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.4495, 79.6164, 94.7681 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(211, 235, 241) }
```

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

```
.border{ border-color:rgb(211, 235, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 235, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(211, 235,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4495, 79.6164, 94.7681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 235, 241) }
```

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

```
.background{ background-color: rgb(211,  
235, 241) }
```

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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