

Converting Colors

XYZ(71.8112, 75.6475, 95.4031)

Have a look what the booklet for
XYZ(71.8112, 75.6475, 95.4031)
contains.

XYZ(71.6929, 75.4627, 95.5812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.6929, 75.4627,
95.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E2F3
RGB	216, 226, 243
RGB Percent	85%, 89%, 95%
CMY	0.1529, 0.1137, 0.0471
CMYK	0.11, 0.07, 0.00, 0.05
HSL	218°, 53%, 90%
HSV	218°, 11%, 95%
XYZ	71.6929, 75.4627, 95.5812
YIQ	224.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

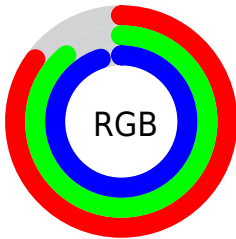
Format	Color
R _Y B	216, 223, 243
Decimal	14213875
CIE Lab	89.61, -0.07, -9.41
CIE LCh	90, 9.415, 269.586
Yxy	75.4627, 0.2954, 0.3109
Android (android.graphics.Color)	4292403955 (0xFFD8E2F3)
YUV	224.9480, 8.8996, -7.8474
Hunter-Lab	86.8693, -4.7058, -4.4276

Details

The XYZ color **71.6929, 75.4627, 95.5812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.4961, 82.2899, 76.7135**, and the grayscale version is **71.4765, 75.1988, 81.8915**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2305, 40.2907, 52.7756** is the 20% darker color. If you saturate the color by 10%, you get **61.0625, 64.0823, 93.9460**, and if you desaturate by 10%, it is **83.7606, 88.1390, 97.3931**.

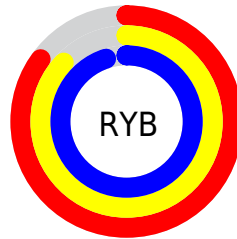
Distribution



Red (85%)

Green (89%)

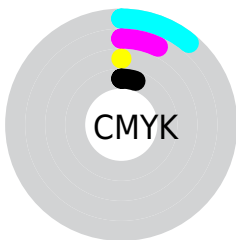
Blue (95%)



Red (85%)

Yellow (87%)

Blue (95%)

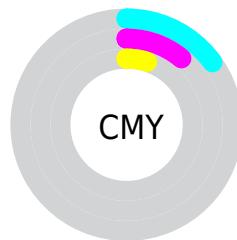


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6929, 75.4627, 95.5812 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 71.6929, 75.4627, 95.5812 by changing the saturation by 10% instead.

■ 71.6929, 75.4627,
95.5812

■ 71.6929, 75.4627,
95.5812

455.6462,
479.5064, 567.0558

■ 53.1924, 55.9920,
72.0192

120.6330,
126.9671, 157.0698

■ 38.1845, 40.1965,
52.6875

151.8033,
159.7697, 195.8335

■ 26.3038, 27.6918,
37.1673

187.9276,
197.7849, 240.5016

■ 17.1849, 18.0935,
25.0403

229.3712,
241.3974, 291.4925

■ 10.4625, 11.0171,
15.8878

276.4995,
290.9913, 349.2248

■ 5.7713, 6.0784,
9.2913

329.6779,

■ 2.7459, 2.8928,

346.9513, 414.1171

4.8323

389.2717,
409.6615, 486.5879

■ 1.0208, 1.0760,
2.0922

■ 0.0000, 0.0000,
0.6111

■ 71.6929, 75.4627,
95.5812

■ 71.6929, 75.4627,
95.5812

■ 61.0625, 64.0823,
93.9460

■ 83.7606, 88.1390,
97.3931

■ 51.8065, 53.9450,
92.4772

■ 93.1779, 99.2512,
99.0416

■ 43.8674, 45.0082,
91.1706

■ 37.1804, 37.2231,
90.0204

■ 31.6753, 30.5370,
89.0200

■ 27.2740, 24.8924,
88.1625

■ 23.8880, 20.2254,
87.4401

■ 21.4129, 16.4630,
86.8443

■ 19.8366, 13.7885,
86.4112

Harmonies

Analogous

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



69.4956, 75.4627, 93.6548



71.6929, 75.4627, 95.5812



73.9448, 75.4627, 93.7552

Triad

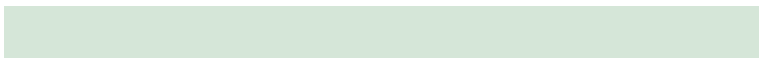
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6929, 75.4627, 95.5812



75.6650, 75.4627, 76.0326



67.9552, 75.4627, 75.8813

Complementary

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



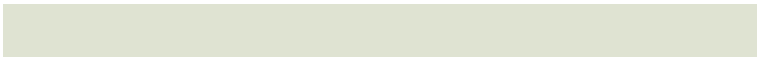
71.6929, 75.4627, 95.5812



78.4961, 82.2899, 76.7135

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.



69.5502, 75.4627, 71.5736



71.6929, 75.4627, 95.5812



74.0016, 75.4627, 71.6575

Square

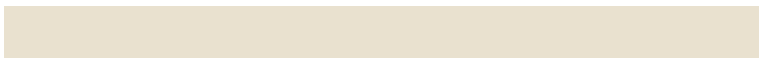
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6929, 75.4627, 95.5812



76.2678, 75.4627, 82.2581



71.7572, 75.4627, 70.0688



67.3663, 75.4627, 82.0740

Rectangle

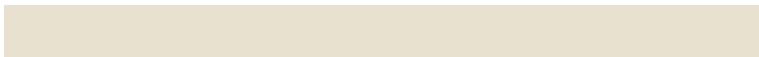
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6929, 75.4627, 95.5812



75.1670, 75.4627, 90.7088



71.7572, 75.4627, 70.0688



68.3898, 75.4627, 74.1772

Sweetspot

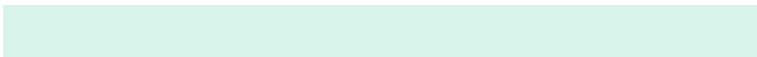
The Sweet Spot groups the original color and five complimentary colors.



71.6951, 75.4659, 95.5829



90.7742, 95.5436, 108.2652



75.0288, 84.5647, 89.1984



19.1902, 20.2002, 23.1375



0.0000, 0.0000, 0.0000



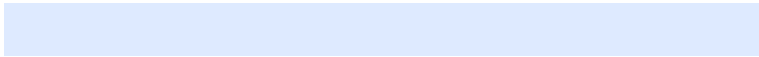
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6951, 75.4659, 95.5829



77.5886, 81.6466, 106.2778



69.9934, 70.6676, 94.7464



16.0840, 16.9323, 20.9631



11.0050, 7.8037, 47.4643



1.0621, 0.8757, 4.2033

Inverse Universe

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



75.2472, 73.6590, 82.2068



82.1917, 79.3710, 88.9293



80.3308, 87.5594, 77.6339



16.7530, 16.5840, 18.4458



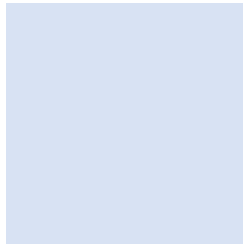
21.3593, 10.8872, 6.6005



1.9252, 0.9760, 0.8324

Previews

White Background



This preview shows how the XYZ color 71.6929, 75.4627, 95.5812 looks on a white background.

Color Contrast Check

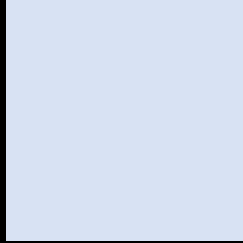
Large Text (above 18pt) WCAG AA × Fail

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 71.6929, 75.4627, 95.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

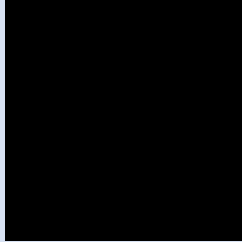
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

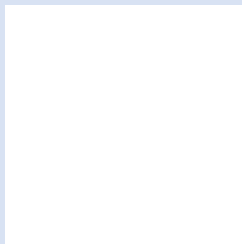
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6929, 75.4627, 95.5812

Background



This preview shows how black text looks on a background with the XYZ color 71.6929, 75.4627, 95.5812.



This preview shows how white text looks on a background with the XYZ color 71.6929, 75.4627,

95.5812.

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

71.6929, 75.4627, 95.5812

Protanopia

73.4231, 75.5694, 94.7209

Deuteranopia

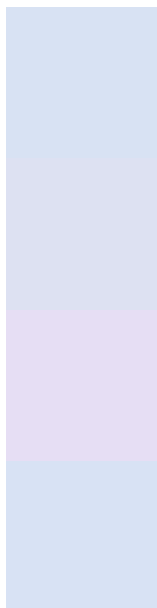
76.9205, 75.3718, 96.0820



Tritanopia

71.8444, 75.5233, 96.3788

Trichromacy



Original Color

71.6929, 75.4627, 95.5812

Protanomaly

72.7710, 75.6334, 94.7677

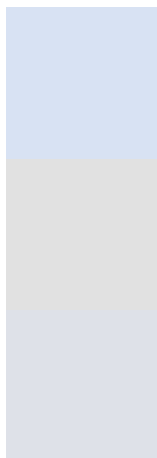
Deuteranomaly

75.0835, 75.5972, 96.2223

Tritanomaly

71.8444, 75.5233, 96.3788

Monochromacy



Original Color

71.6929, 75.4627, 95.5812

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6149, 75.2062, 87.0857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6929, 75.4627, 95.5812 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(216, 226, 243) looks like.

```
.text, #text, p{  
    color:rgb(216, 226, 243)  
}
```

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(216, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 226, 243) }
```

Border

The CSS property to change the border of an element to XYZ 71.6929, 75.4627, 95.5812 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(216, 226, 243) }
```


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

```
.border{ border-color:rgb(216, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(216, 226,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6929, 75.4627, 95.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 226, 243) }
```

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

```
.background{ background-color: rgb(216,  
226, 243) }
```

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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