

Converting Colors

XYZ(70.7834, 75.5353, 89.4463)

Have a look what the booklet for
XYZ(70.7834, 75.5353, 89.4463)
contains.

XYZ(70.7834, 75.5353, 89.4463)	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(70.7834, 75.5353,
89.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E3EB
RGB	216, 227, 235
RGB Percent	85%, 89%, 92%
CMY	0.1529, 0.1098, 0.0784
CMYK	0.08, 0.03, 0.00, 0.08
HSL	205°, 32%, 88%
HSV	205°, 8%, 92%
XYZ	70.7834, 75.5353, 89.4463
YIQ	224.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

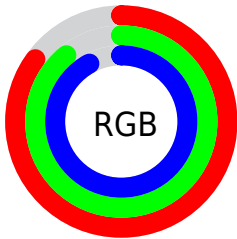
Format	Color
R _Y B	216, 223, 235
Decimal	14214123
CIE Lab	89.64, -2.15, -5.17
CIE LCh	90, 5.596, 247.442
Yxy	75.5353, 0.3002, 0.3204
Android (android.graphics.Color)	4292404203 (0xFFD8E3EB)
YUV	224.6230, 5.1159, -7.5624
Hunter-Lab	86.9110, -6.7177, -0.1818

Details

The XYZ color **70.7834, 75.5353, 89.4463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3115, 75.9307, 75.7592**, and the grayscale version is **71.2685, 74.9800, 81.6532**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5871, 40.3368, 48.4525** is the 20% darker color. If you saturate the color by 10%, you get **61.7036, 66.9552, 88.2699**, and if you desaturate by 10%, it is **81.0159, 84.9444, 90.7243**.

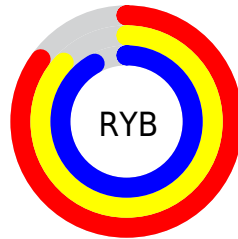
Distribution



Red (85%)

Green (89%)

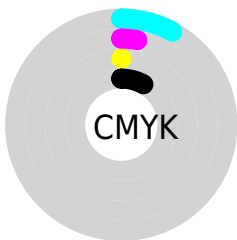
Blue (92%)



Red (85%)

Yellow (87%)

Blue (92%)

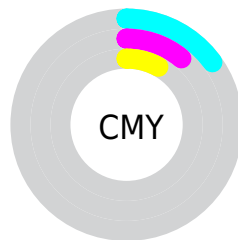


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7834, 75.5353, 89.4463 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 70.7834, 75.5353, 89.4463 by changing the saturation by 10% instead.

■ 70.7834, 75.5353,
89.4463

■ 70.7834, 75.5353,
89.4463

452.5195,
479.7555, 546.7516

■ 52.4474, 56.0515,
66.9504

119.3455,
127.0698, 148.4978

■ 37.5875, 40.2442,
48.5830

150.3022,
159.8894, 185.8905

■ 25.8384, 27.7290,
33.9255

186.1965,
197.9229, 229.0859

■ 16.8349, 18.1215,
22.5595

227.3938,
241.5550, 278.5024

■ 10.2114, 11.0373,
14.0663

274.2593,
291.1699, 334.5588

■ 5.6027, 6.0919,
8.0275

327.1586,

■ 2.6434, 2.9010,

347.1520, 397.6734

4.0245

386.4569,
409.8857, 468.2648

■ 0.9681, 1.0803,
1.6388

■ 0.0000, 0.0000,
0.3183

■ 70.7834, 75.5353,
89.4463

■ 70.7834, 75.5353,
89.4463

■ 61.7036, 66.9552,
88.2699

■ 81.0159, 84.9444,
90.7243

■ 53.7254, 59.1679,
87.1873

■ 89.4310, 93.6490,
91.9609

■ 46.8034, 52.1480,
86.1972

■ 91.9956, 98.7782,
92.8158

■ 40.8864, 45.8651,
85.2963

■ 35.9185, 40.2861,
84.4813

■ 31.8378, 35.3750,
83.7484

■ 28.5743, 31.0913,
83.0936

■ 26.0459, 27.3879,
82.5120

■ 24.1392, 24.2018,
81.9975

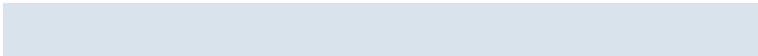
Harmonies

Analogous

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



69.7129, 75.5353, 86.9405



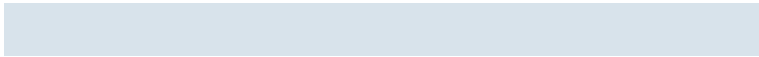
70.7834, 75.5353, 89.4463



72.1374, 75.5353, 89.9932

Triad

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



70.7834, 75.5353, 89.4463



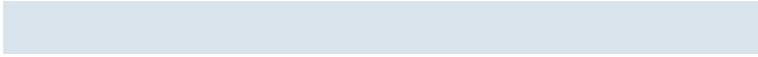
74.4508, 75.5353, 81.2671



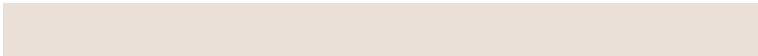
70.1968, 75.5353, 76.3719

Complementary

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



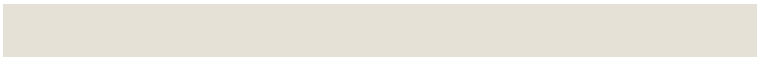
70.7834, 75.5353, 89.4463



73.3115, 75.9307, 75.7592

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.



71.4517, 75.5353, 74.9550



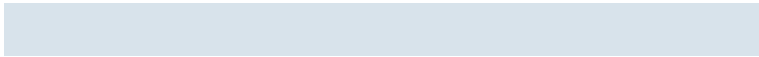
70.7834, 75.5353, 89.4463



73.9162, 75.5353, 77.7219

Square

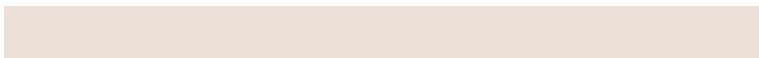
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7834, 75.5353, 89.4463



74.2663, 75.5353, 85.1876



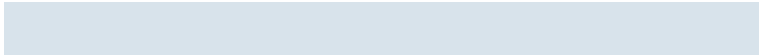
72.8142, 75.5353, 75.4412



69.3772, 75.5353, 79.3712

Rectangle

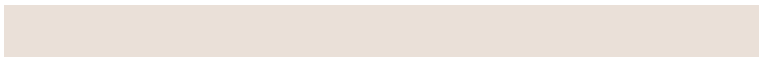
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7834, 75.5353, 89.4463



73.0208, 75.5353, 89.1579



72.8142, 75.5353, 75.4412



70.5811, 75.5353, 75.6992

Sweetspot

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



70.7856, 75.5385, 89.4480



92.5176, 97.6837, 108.5864



71.4717, 79.3941, 82.0206



19.8291, 20.9327, 23.2453



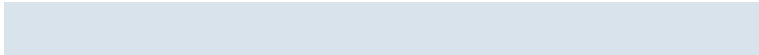
0.0000, 0.0000, 0.0000



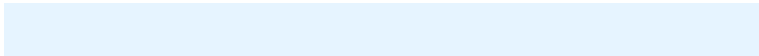
20.3446, 21.4041, 23.3091

Same Dimension

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



70.7856, 75.5385, 89.4480



82.9542, 88.8231, 107.3802



68.2790, 70.5254, 88.6125



14.9558, 15.9980, 19.2219



13.3822, 13.4113, 45.6263



1.1456, 1.2428, 3.6144

Inverse Universe

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



72.6836, 72.3215, 82.8054



85.7677, 84.1237, 97.5184



75.9138, 81.1353, 76.6266



15.4312, 15.2003, 17.5561



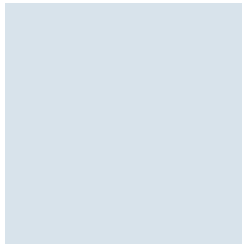
21.6100, 10.8467, 14.2795



1.7448, 0.8709, 1.3733

Previews

White Background



This preview shows how the XYZ color 70.7834, 75.5353, 89.4463 looks on a white background.

Color Contrast Check

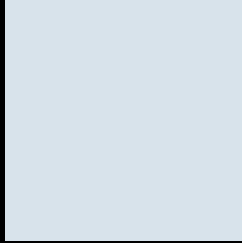
Large Text (above 18pt) WCAG AA × Fail

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 70.7834, 75.5353, 89.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

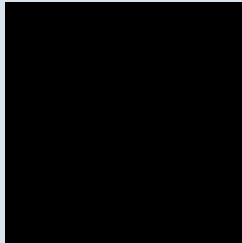
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

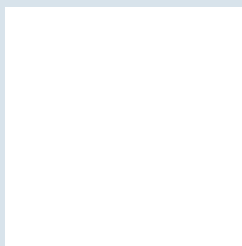
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7834, 75.5353, 89.4463

Background



This preview shows how black text looks on a background with the XYZ color 70.7834, 75.5353, 89.4463.



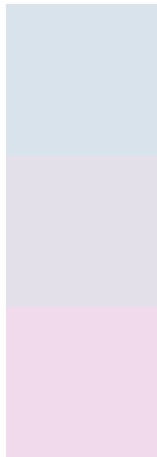
This preview shows how white text looks on a background with the XYZ color 70.7834, 75.5353,

89.4463.

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

70.7834, 75.5353, 89.4463

Protanopia

73.0422, 75.5254, 87.8189

Deuteranopia

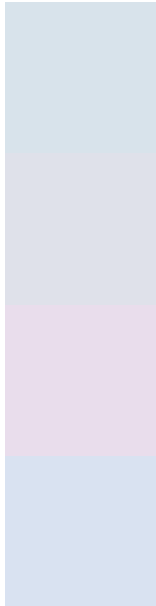
76.9754, 75.1345, 90.5661



Tritanopia

72.1408, 75.6761, 96.3927

Trichromacy



Original Color

70.7834, 75.5353, 89.4463

Protanomaly

72.2079, 75.4789, 88.6050

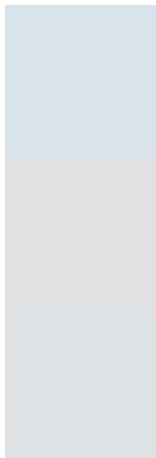
Deuteranomaly

74.6010, 75.0927, 89.9193

Tritanomaly

71.6888, 75.4953, 94.0127

Monochromacy



Original Color

70.7834, 75.5353, 89.4463

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4634, 75.5795, 84.9505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7834, 75.5353, 89.4463 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, 227, 235) looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 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(216, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.7834, 75.5353, 89.4463 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, 227, 235) }
```


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

```
.border{ border-color:rgb(216, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7834, 75.5353, 89.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 235) }
```

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

```
.background{ background-color: rgb(216,  
227, 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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