

Converting Colors

XYZ(59.5588, 64.8533, 74.8550)

Have a look what the booklet for
XYZ(59.5588, 64.8533, 74.8550)
contains.

XYZ(59.5969, 64.9732, 75.0456)	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(59.5969, 64.9732,
75.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D6D9
RGB	197, 214, 217
RGB Percent	77%, 84%, 85%
CMY	0.2274, 0.1608, 0.1490
CMYK	0.09, 0.01, 0.00, 0.15
HSL	189°, 21%, 81%
HSV	189°, 9%, 85%
XYZ	59.5969, 64.9732, 75.0456
YIQ	209.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

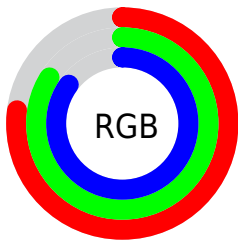
Format	Color
R _Y B	197, 206, 217
Decimal	12965593
CIE Lab	84.47, -5.10, -3.44
CIE LCh	84, 6.156, 213.987
Yxy	64.9732, 0.2986, 0.3255
Android (android.graphics.Color)	4291155673 (0xFFC5D6D9)
YUV	209.2590, 3.8163, -10.7511
Hunter-Lab	80.6060, -9.0845, 1.2241

Details

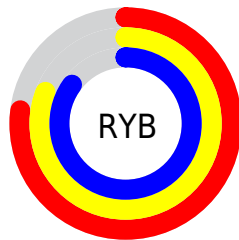
The XYZ color **59.5969, 64.9732, 75.0456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3479, 60.0911, 61.2952**, and the grayscale version is **60.7560, 63.9200, 69.6089**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.2474, 33.2445, 39.0050** is the 20% darker color. If you saturate the color by 10%, you get **53.5046, 60.6248, 74.5284**, and if you desaturate by 10%, it is **66.5273, 69.7816, 75.6095**.

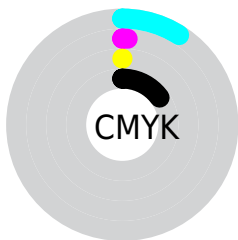
Distribution



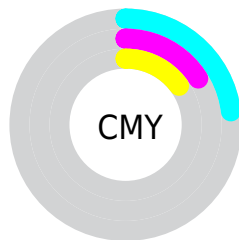
- Red (77%)
- Green (84%)
- Blue (85%)



- Red (77%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5969, 64.9732, 75.0456 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 59.5969, 64.9732, 75.0456 by changing the saturation by 10% instead.

■ 59.5969, 64.9732,
75.0456

■ 59.5969, 64.9732,
75.0456

412.9690,
442.6957, 497.3339

■ 43.3420, 47.4393,
55.1483

103.3544,
112.0113, 128.1246

■ 30.3492, 33.3831,
39.1211

131.5877,
142.2844, 162.1434

■ 20.2532, 22.4201,
26.5454

164.5445,
177.5727, 201.7064

■ 12.6886, 14.1659,
17.0027

202.5902,
218.2605, 247.2322

■ 7.2900, 8.2361,
10.0744

246.0902,
264.7323, 299.1393

■ 3.6920, 4.2464,
5.3421

295.4097,

■ 1.5294, 1.8123,

317.3725, 357.8462

2.3871

350.9142,
376.5655, 423.7716

■ 0.3457, 0.4948,
0.7794

■ 0.0000, 0.0000,
0.0000

■ 59.5969, 64.9732,
75.0456

■ 59.5969, 64.9732,
75.0456

■ 53.5046, 60.6248,
74.5284

■ 66.5273, 69.7816,
75.6095

■ 48.2099, 56.7100,
74.0518

■ 74.3231, 75.0589,
76.2172

■ 43.6773, 53.2122,
73.6156

■ 80.3556, 79.4518,
76.7472

■ 39.8664, 50.1105,
73.2177

■ 81.2366, 81.2138,
77.0408

■ 36.7331, 47.3818,
72.8562

■ 82.1344, 83.0095,
77.3401

■ 34.2280, 45.0008,
72.5286

■ 83.0491, 84.8389,
77.6450

■ 32.2954, 42.9383,
72.2324

■ 83.9808, 86.7023,
77.9556

■ 30.8689, 41.1602,
71.9644

■ 84.9295, 88.5998,
78.2718

■ 29.8408, 39.6107,
71.7195

■ 85.8954, 90.5316,
78.5938

Harmonies

Analogous

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



59.1648, 64.9732, 71.2705



59.5969, 64.9732, 75.0456



60.6072, 64.9732, 77.7423

Triad

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



59.5969, 64.9732, 75.0456



64.1524, 64.9732, 74.1047



61.5721, 64.9732, 63.4838

Complementary

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



59.5969, 64.9732, 75.0456



59.3479, 60.0911, 61.2952

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.



62.9174, 64.9732, 64.1802



59.5969, 64.9732, 75.0456



64.4199, 64.9732, 70.2216

Square

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



59.5969, 64.9732, 75.0456



63.2391, 64.9732, 77.1852



63.9647, 64.9732, 66.6115



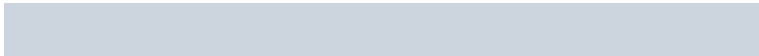
60.2945, 64.9732, 64.6730

Rectangle

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



59.5969, 64.9732, 75.0456



61.4796, 64.9732, 78.5144



63.9647, 64.9732, 66.6115



62.0314, 64.9732, 63.5054

Sweetspot

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



59.5988, 64.9759, 75.0470



91.9267, 97.8487, 108.6494



58.2263, 65.6517, 64.0438



19.5015, 20.8228, 23.2413



0.0000, 0.0000, 0.0000



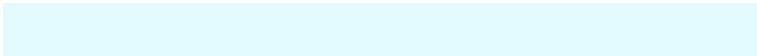
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5988, 64.9759, 75.0470



84.1466, 92.4104, 108.0097



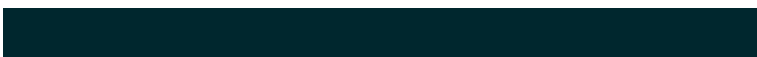
57.2236, 60.2255, 74.2553



13.2700, 14.4797, 16.7476



18.0805, 24.0304, 43.4238



1.2174, 1.6490, 2.8286

Inverse Universe

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



60.7206, 59.5405, 71.9137



86.0760, 83.1231, 102.6068



61.6587, 64.7128, 62.0654



13.5261, 13.2396, 16.0319



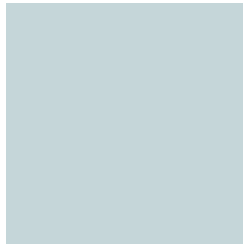
22.6215, 11.0497, 28.7167



1.4888, 0.7252, 1.9829

Previews

White Background



This preview shows how the XYZ color 59.5969, 64.9732, 75.0456 looks on a white background.

Color Contrast Check

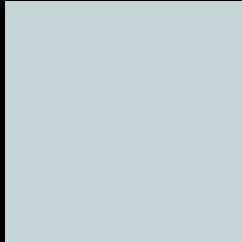
Large Text (above 18pt) WCAG AA × Fail

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 59.5969, 64.9732, 75.0456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

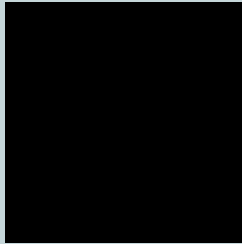
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

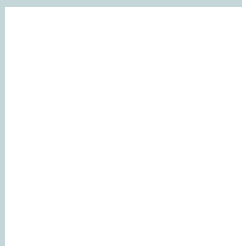
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5969, 64.9732, 75.0456

Background



This preview shows how black text looks on a background with the XYZ color 59.5969, 64.9732, 75.0456.



This preview shows how white text looks on a background with the XYZ color 59.5969, 64.9732,

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

59.5969, 64.9732, 75.0456

Protanopia

62.3786, 64.6021, 72.8001

Deuteranopia

66.0576, 64.6311, 76.0113



Tritanopia

61.2395, 64.8862, 83.4254

Trichromacy



Original Color

59.5969, 64.9732, 75.0456

Protanomaly

61.2921, 64.7602, 73.5595

Deuteranomaly

63.5297, 64.7726, 75.4837

Tritanomaly

60.6736, 65.0305, 80.5885

Monochromacy



Original Color

59.5969, 64.9732, 75.0456

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3548, 64.3211, 71.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5969, 64.9732, 75.0456 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(197, 214, 217)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 217)  
}
```

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(197, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.5969, 64.9732, 75.0456 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(197, 214, 217) }
```


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

```
.border{ border-color:rgb(197, 214, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 214, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5969, 64.9732, 75.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 217) }
```

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

```
.background{ background-color: rgb(197,  
214, 217) }
```

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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