

Converting Colors

XYZ(60.5800, 66.1821, 76.0054)

Have a look what the booklet for
XYZ(60.5800, 66.1821, 76.0054)
contains.

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Color

**XYZ(60.4995, 66.1795,
75.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D8DA
RGB	198, 216, 218
RGB Percent	78%, 85%, 85%
CMY	0.2235, 0.1529, 0.1451
CMYK	0.09, 0.01, 0.00, 0.15
HSL	186°, 21%, 82%
HSV	186°, 9%, 85%
XYZ	60.4995, 66.1795, 75.9149
YIQ	210.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

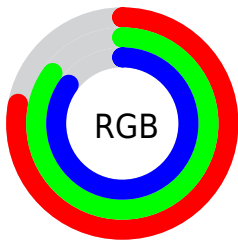
Format	Color
R_{YB}	198, 207, 218
Decimal	13031642
CIE Lab	85.09, -5.62, -3.06
CIE LCh	85, 6.396, 208.538
Yxy	66.1795, 0.2986, 0.3267
Android (android.graphics.Color)	4291221722 (0xFFC6D8DA)
YUV	210.8460, 3.5269, -11.2659
Hunter-Lab	81.3508, -9.6158, 1.6173

Details

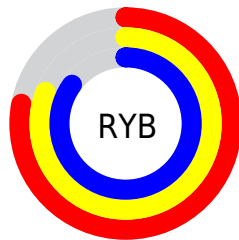
The XYZ color **60.4995, 66.1795, 75.9149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7611, 60.2908, 61.9148**, and the grayscale version is **61.7997, 65.0181, 70.8047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8573, 34.0634, 39.5989** is the 20% darker color. If you saturate the color by 10%, you get **54.6084, 62.3220, 75.4819**, and if you desaturate by 10%, it is **67.2288, 70.4837, 76.3920**.

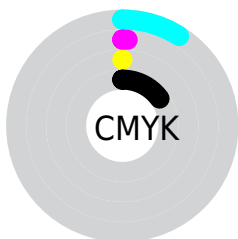
Distribution



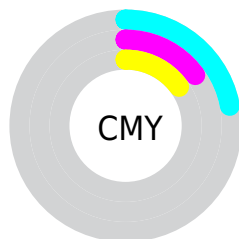
- Red (78%)
- Green (85%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



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



- Cyan (22%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4995, 66.1795, 75.9149 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 60.4995, 66.1795, 75.9149 by changing the saturation by 10% instead.

■ 60.4995, 66.1795,
75.9149

■ 60.4995, 66.1795,
75.9149

416.2418,
447.0186, 500.3954

■ 44.0724, 48.4181,
55.8565

104.6561,
113.7439, 129.3656

■ 30.9256, 34.1581,
39.6847

133.1164,
144.3158, 163.5950

■ 20.6937, 23.0151,
26.9808

166.3183,
179.9266, 203.3850

■ 13.0115, 14.6047,
17.3265

204.6274,
220.9607, 249.1544

■ 7.5135, 8.5424,
10.3032

248.4089,
267.8026, 301.3216

■ 3.8344, 4.4439,
5.4922

298.0283,

■ 1.6089, 1.9249,

320.8366, 360.3051

2.4751

353.8508,
380.4471, 426.5236

■ 0.3982, 0.5633,
0.8269

■ 0.0000, 0.0000,
0.0000

■ 60.4995, 66.1795,
75.9149

■ 60.4995, 66.1795,
75.9149

■ 54.6084, 62.3220,
75.4819

■ 67.2288, 70.4837,
76.3920

■ 49.5147, 58.8847,
75.0869

■ 74.8238, 75.2433,
76.9104

■ 45.1825, 55.8509,
74.7296

■ 80.1584, 78.8487,
77.3252

■ 41.5711, 53.1995,
74.4082

■ 80.7421, 80.0160,
77.5197

■ 38.6358, 50.9074,
74.1205

■ 81.3332, 81.1983,
77.7168

■ 36.3270, 48.9491,
73.8642

■ 81.9319, 82.3956,
77.9163

■ 34.5881, 47.2953,
73.6366

■ 82.5381, 83.6080,
78.1184

■ 33.3524, 45.9116,
73.4346

■ 83.1519, 84.8356,
78.3230

■ 32.5119, 44.7421,
73.2532

■ 83.7733, 86.0784,
78.5301

Harmonies

Analogous

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



60.1730, 66.1795, 71.8560



60.4995, 66.1795, 75.9149



61.4670, 66.1795, 79.0388

Triad

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



60.4995, 66.1795, 75.9149



65.2940, 66.1795, 76.2784



62.9723, 66.1795, 64.4153

Complementary

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



60.4995, 66.1795, 75.9149



59.7611, 60.2908, 61.9148

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.



64.3584, 66.1795, 65.5012



60.4995, 66.1795, 75.9149



65.7115, 66.1795, 72.2608

Square

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



60.4995, 66.1795, 75.9149



64.2342, 66.1795, 79.2543



65.3665, 66.1795, 68.3344



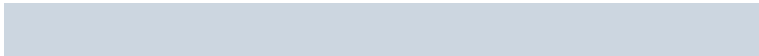
61.5876, 66.1795, 65.3115

Rectangle

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



60.4995, 66.1795, 75.9149



62.3528, 66.1795, 80.1158



65.3665, 66.1795, 68.3344



63.4537, 66.1795, 64.5599

Sweetspot

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



60.5014, 66.1823, 75.9164



92.0482, 98.0915, 108.6898



58.7476, 66.3042, 64.1424



19.5344, 20.8886, 23.2523



0.0000, 0.0000, 0.0000



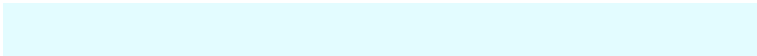
20.3446, 21.4041, 23.3091

Same Dimension

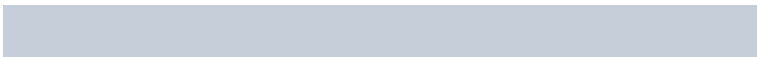
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5014, 66.1823, 75.9164



84.5859, 93.2891, 108.1562



58.0964, 61.3722, 75.1147



13.3280, 14.5958, 16.7669



19.4850, 26.8394, 43.8920



1.2951, 1.8044, 2.8545

Inverse Universe

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



61.5037, 60.2528, 73.3574



86.2978, 83.2118, 103.7746



62.0719, 64.9125, 62.6851



13.5554, 13.2513, 16.1861



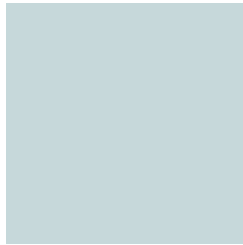
23.3305, 11.3332, 32.4499



1.5280, 0.7408, 2.1895

Previews

White Background



This preview shows how the XYZ color 60.4995, 66.1795, 75.9149 looks on a white background.

Color Contrast Check

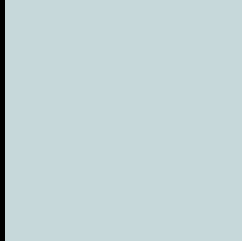
Large Text (above 18pt) WCAG AA × Fail

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 60.4995, 66.1795, 75.9149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

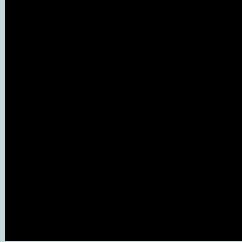
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

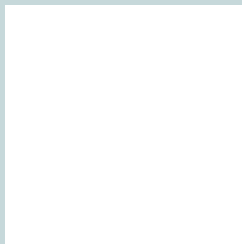
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4995, 66.1795, 75.9149

Background



This preview shows how black text looks on a background with the XYZ color 60.4995, 66.1795, 75.9149.



This preview shows how white text looks on a background with the XYZ color 60.4995, 66.1795,

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

60.4995, 66.1795, 75.9149

Protanopia

63.5843, 65.9419, 73.6668

Deuteranopia

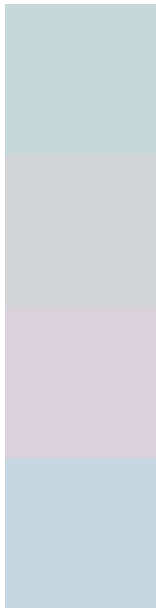
67.3027, 65.9679, 76.8960



Tritanopia

62.2898, 66.1420, 85.0850

Trichromacy



Original Color

60.4995, 66.1795, 75.9149

Protanomaly

62.4834, 66.1017, 74.4314

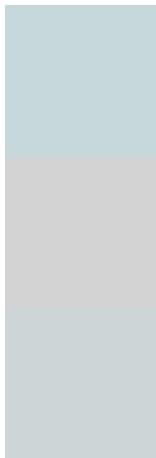
Deuteranomaly

64.7462, 66.1131, 76.3664

Tritanomaly

61.5811, 66.2340, 81.4903

Monochromacy



Original Color

60.4995, 66.1795, 75.9149

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3854, 65.5654, 73.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4995, 66.1795, 75.9149 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(198, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 218)  
}
```

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(198, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.4995, 66.1795, 75.9149 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(198, 216, 218) }
```


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

```
.border{ border-color:rgb(198, 216, 218) }
```

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

Here you see how a box with a 4 pixel rgb(198, 216, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4995, 66.1795, 75.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 218) }
```

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

```
.background{ background-color: rgb(198,  
216, 218) }
```

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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