

Converting Colors

XYZ(59.8055, 66.0382, 74.3531)

Have a look what the booklet for
XYZ(59.8055, 66.0382, 74.3531)
contains.

XYZ(59.7155, 65.8054, 74.5201)	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(59.7155, 65.8054,
74.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D8D8
RGB	196, 216, 216
RGB Percent	77%, 85%, 85%
CMY	0.2314, 0.1529, 0.1529
CMYK	0.09, 0.00, 0.00, 0.15
HSL	180°, 20%, 81%
HSV	180°, 9%, 85%
XYZ	59.7155, 65.8054, 74.5201
YIQ	210.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

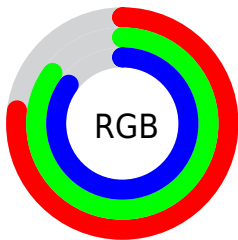
Format	Color
RYB	196, 206, 216
Decimal	12900568
CIELab	84.90, -6.66, -2.29
CIELCh	85, 7.045, 198.983
Yxy	65.8054, 0.2985, 0.3290
Android (android.graphics.Color)	4291090648 (0xFFC4D8D8)
YUV	210.0200, 2.9481, -12.2955
Hunter-Lab	81.1205, -10.5612, 2.3185

Details

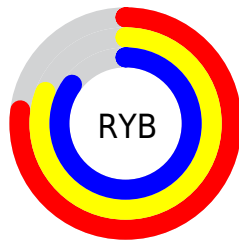
The XYZ color **59.7155, 65.8054, 74.5201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0251, 58.0661, 60.3772**, and the grayscale version is **61.2601, 64.4504, 70.1865**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.3332, 33.8137, 38.6462** is the 20% darker color. If you saturate the color by 10%, you get **54.4966, 63.1168, 74.2748**, and if you desaturate by 10%, it is **65.7471, 68.9165, 74.8062**.

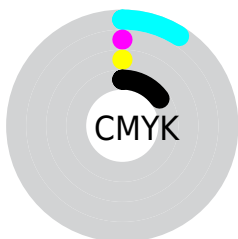
Distribution



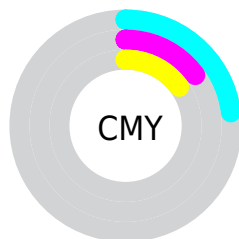
- Red (77%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7155, 65.8054, 74.5201 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 59.7155, 65.8054, 74.5201 by changing the saturation by 10% instead.

■ 59.7155, 65.8054,
74.5201

■ 59.7155, 65.8054,
74.5201

413.3999,
445.6806, 495.4778

■ 43.4379, 48.1144,
54.7205

103.5255,
113.2070, 127.3737

■ 30.4249, 33.9175,
38.7809

131.7888,
143.6864, 161.2646

■ 20.3110, 22.8302,
26.2828

164.7779,
179.1974, 200.6899

■ 12.7309, 14.4682,
16.8077

202.8583,
220.1245, 246.0678

■ 7.3192, 8.4470,
9.9369

246.3953,
266.8519, 297.8170

■ 3.7106, 4.3823,
5.2521

295.7544,

■ 1.5398, 1.8896,

319.7642, 356.3561

2.3346

351.3008,
379.2456, 422.1035

■ 0.3526, 0.5421,
0.7505

■ 0.0000, 0.0000,
0.0000

■ 59.7155, 65.8054,
74.5201

■ 59.7155, 65.8054,
74.5201

■ 54.4966, 63.1168,
74.2748

■ 65.7471, 68.9165,
74.8062

■ 50.0503, 60.8247,
74.0642

■ 72.6180, 72.4586,
75.1302

■ 46.3417, 58.9129,
73.8882

■ 78.1934, 75.3327,
75.3936

■ 43.3308, 57.3608,
73.7449

■ 78.1938, 75.3329,
75.3960

40.9741, 56.1459,
73.6321

78.1943, 75.3331,
75.3985

39.2229, 55.2432,
73.5477

78.1948, 75.3333,
75.4010

38.0220, 54.6242,
73.4891

78.1953, 75.3335,
75.4035

37.3061, 54.2552,
73.4531

78.1957, 75.3337,
75.4059

36.9677, 54.0808,
73.4348

78.1962, 75.3339,
75.4084

Harmonies

Analogous

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



59.6096, 65.8054, 70.0001



59.7155, 65.8054, 74.5201



60.5723, 65.8054, 78.4220

Triad

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



59.7155, 65.8054, 74.5201



64.8677, 65.8054, 77.5173



63.1287, 65.8054, 63.4411

Complementary

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



59.7155, 65.8054, 74.5201



58.0251, 58.0661, 60.3772

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.



64.5622, 65.8054, 65.2812



59.7155, 65.8054, 74.5201



65.5774, 65.8054, 73.3274

Square

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



59.7155, 65.8054, 74.5201



63.5400, 65.8054, 80.2021



65.4647, 65.8054, 68.8563



61.5625, 65.8054, 63.7302

Rectangle

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



59.7155, 65.8054, 74.5201



61.4622, 65.8054, 80.0882



65.4647, 65.8054, 68.8563



63.6426, 65.8054, 63.8280

Sweetspot

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



59.7174, 65.8082, 74.5216



92.2911, 98.5778, 108.7698



57.3734, 64.8806, 61.7249



19.6003, 21.0204, 23.2740



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.



59.7174, 65.8082, 74.5216



85.4720, 95.0625, 108.4478



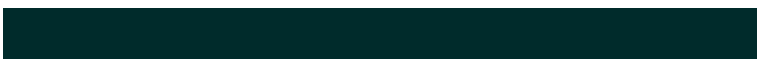
57.3132, 60.9990, 73.7223



12.7922, 14.1079, 15.9859



21.8682, 32.0026, 43.4634



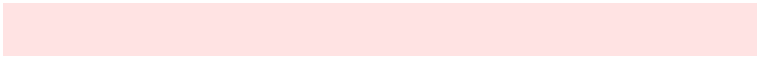
1.3190, 1.9303, 2.6217

Inverse Universe

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



58.0251, 58.0661, 60.3772



82.5543, 81.7144, 84.0616



60.2763, 62.5691, 61.1258



12.4234, 12.4209, 12.9038



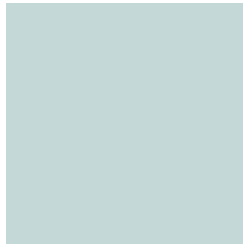
16.7621, 8.6412, 0.7853



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 59.7155, 65.8054, 74.5201 looks on a white background.

Color Contrast Check

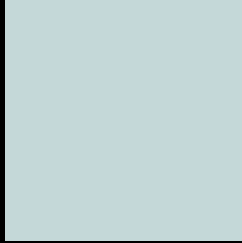
Large Text (above 18pt) WCAG AA × Fail

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 59.7155, 65.8054, 74.5201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

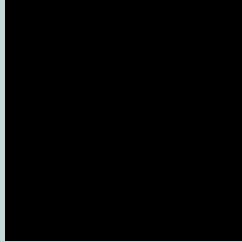
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

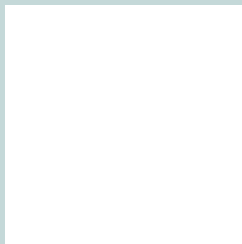
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7155, 65.8054, 74.5201

Background



This preview shows how black text looks on a background with the XYZ color 59.7155, 65.8054, 74.5201.

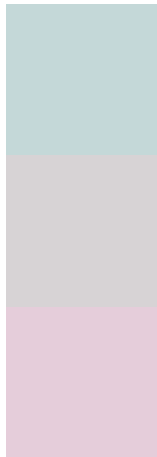


This preview shows how white text looks on a background with the XYZ color 59.7155, 65.8054,

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

59.7155, 65.8054, 74.5201

Protanopia

63.3288, 65.8397, 72.3213

Deuteranopia

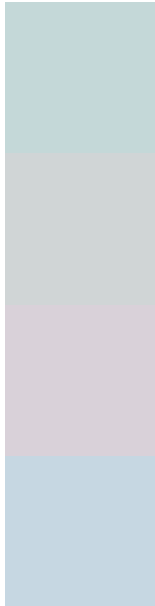
66.7993, 65.3826, 75.4291



Tritanopia

62.0236, 66.0048, 85.0725

Trichromacy



Original Color

59.7155, 65.8054, 74.5201

Protanomaly

61.9443, 65.8534, 73.0645

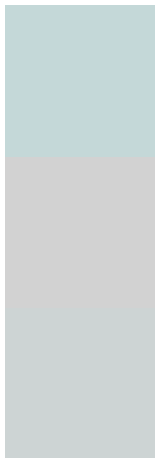
Deuteranomaly

63.9401, 65.3624, 74.8918

Tritanomaly

61.3166, 66.0976, 81.4779

Monochromacy



Original Color

59.7155, 65.8054, 74.5201

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6040, 64.8196, 71.6046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7155, 65.8054, 74.5201 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(196, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 216)  
}
```

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(196, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.7155, 65.8054, 74.5201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

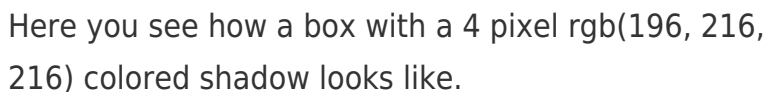
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 216, 216) }
```


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

```
.border{ border-color:rgb(196, 216, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 216, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 216, 216); box-shadow:4px 4px 4px 4px rgb(196, 216, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7155, 65.8054, 74.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 216) }
```

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

```
.background{ background-color: rgb(196,  
216, 216) }
```

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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