

Converting Colors

XYZ(56.0215, 60.1526, 66.0733)

Have a look what the booklet for
XYZ(56.0215, 60.1526, 66.0733)
contains.

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Color

**XYZ(55.7564, 59.8926,
65.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDCC
RGB	197, 205, 204
RGB Percent	77%, 80%, 80%
CMY	0.2274, 0.1961, 0.2000
CMYK	0.04, 0.00, 0.00, 0.20
HSL	172°, 7%, 79%
HSV	172°, 4%, 80%
XYZ	55.7564, 59.8926, 65.7485
YIQ	202.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

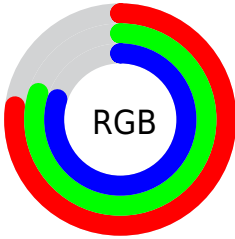
Format	Color
RYB	197, 201, 205
Decimal	12963276
CIELab	81.78, -2.91, -0.46
CIELCh	82, 2.943, 188.999
Yxy	59.8926, 0.3074, 0.3302
Android (android.graphics.Color)	4291153356 (0xFFC5CDCC)
YUV	202.4940, 0.7425, -4.8182
Hunter-Lab	77.3903, -6.8314, 3.8022

Details

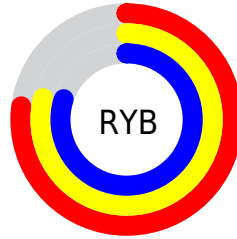
The XYZ color **55.7564, 59.8926, 65.7485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3384, 56.9905, 61.5127**, and the grayscale version is **56.4466, 59.3862, 64.6716**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.8993, 30.1749, 33.2080** is the 20% darker color. If you saturate the color by 10%, you get **50.4440, 57.1909, 63.9051**, and if you desaturate by 10%, it is **61.8074, 62.9777, 67.6555**.

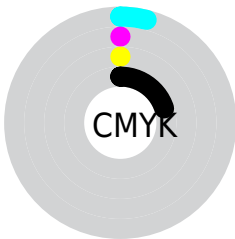
Distribution



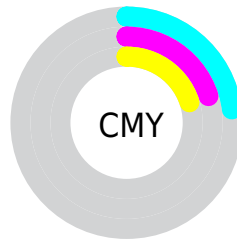
- Red (77%)
- Green (80%)
- Blue (80%)



- Red (77%)
- Yellow (79%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7564, 59.8926, 65.7485 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 55.7564, 59.8926, 65.7485 by changing the saturation by 10% instead.

■ 55.7564, 59.8926,
65.7485

■ 55.7564, 59.8926,
65.7485

398.8628,
424.2018, 463.8565

■ 40.2439, 43.3321,
47.6131

97.7902, 104.6739,
114.7488

■ 27.9138, 30.1458,
33.1628

125.0422,
133.6634, 146.4508

■ 18.4008, 19.9492,
21.9790

156.9380,
167.5647, 183.5121

■ 11.3396, 12.3582,
13.6433

193.8431,
206.7622, 226.3512

■ 6.3647, 6.9881,
7.7371

236.1228,
251.6402, 275.3867

■ 3.1108, 3.4547,
3.8418

284.1424,

■ 1.2126, 1.3734,

302.5832, 331.0370

1.5390

338.2672,
359.9756, 393.7208

■ 0.1163, 0.1970,
0.2467

■ 0.0000, 0.0000,
0.0000

■ 55.7564, 59.8926,
65.7485

■ 55.7564, 59.8926,
65.7485

■ 50.4440, 57.1909,
63.9051

■ 61.8074, 62.9777,
67.6555

■ 45.8356, 54.8500,
62.1199

■ 68.6194, 66.4530,
69.6235

■ 41.9018, 52.8562,
60.3925

■ 74.9197, 69.6638,
71.5944

■ 38.6090, 51.1923,
58.7214

■ 75.2460, 69.7943,
73.3126

■ 35.9206, 49.8393,
57.1045

■ 75.5775, 69.9269,
75.0581

■ 33.7964, 48.7767,
55.5400

■ 75.9142, 70.0616,
76.8311

■ 32.1912, 47.9810,
54.0255

■ 76.2561, 70.1984,
78.6315

■ 31.0529, 47.4255,
52.5586

■ 76.6032, 70.3372,
80.4597

■ 30.3185, 47.0776,
51.1361

■ 76.9557, 70.4782,
82.3156

Harmonies

Analogous

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



55.8201, 59.8926, 63.9965



55.7564, 59.8926, 65.7485



56.0044, 59.8926, 67.3858

Triad

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



55.7564, 59.8926, 65.7485



57.6799, 59.8926, 67.9032



57.3546, 59.8926, 62.0762

Complementary

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



55.7564, 59.8926, 65.7485



55.3384, 56.9905, 61.5127

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.



57.8579, 59.8926, 63.0872



55.7564, 59.8926, 65.7485



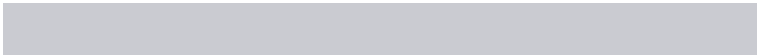
58.0467, 59.8926, 66.4445

Square

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



55.7564, 59.8926, 65.7485



57.1128, 59.8926, 68.6446



58.1121, 59.8926, 64.6801



56.7398, 59.8926, 61.8975

Rectangle

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



55.7564, 59.8926, 65.7485



56.3141, 59.8926, 68.1843



58.1121, 59.8926, 64.6801



57.5425, 59.8926, 62.3291

Sweetspot

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



55.7581, 59.8952, 65.7498



94.0666, 99.4990, 108.5855



55.2175, 59.7113, 61.4395



20.1445, 21.3022, 23.2451



0.0000, 0.0000, 0.0000



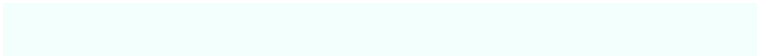
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7581, 59.8952, 65.7498



90.2575, 97.5590, 107.3380



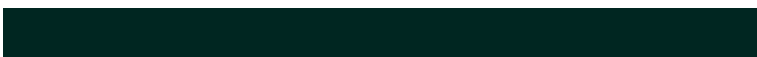
55.1834, 58.5526, 66.1539



11.9230, 12.9272, 14.2386



18.6994, 29.2251, 31.4320



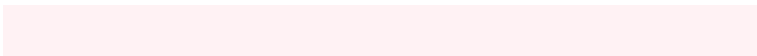
0.9821, 1.5146, 1.7131

Inverse Universe

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



55.3384, 56.9905, 61.5127



89.3727, 91.4356, 98.4057



55.8959, 58.2901, 61.1294



11.7927, 12.0251, 12.9227



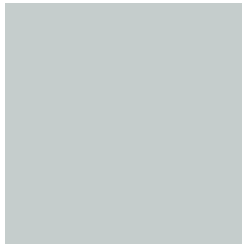
15.8068, 8.1333, 1.4355



0.8348, 0.4273, 0.1762

Previews

White Background



This preview shows how the XYZ color 55.7564, 59.8926, 65.7485 looks on a white background.

Color Contrast Check

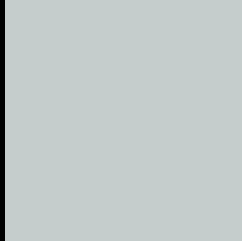
Large Text (above 18pt) WCAG AA × Fail

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 55.7564, 59.8926, 65.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

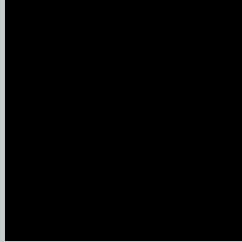
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

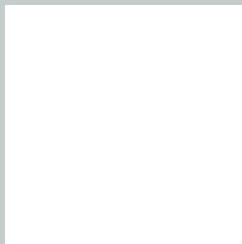
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7564, 59.8926, 65.7485

Background



This preview shows how black text looks on a background with the XYZ color 55.7564, 59.8926, 65.7485.

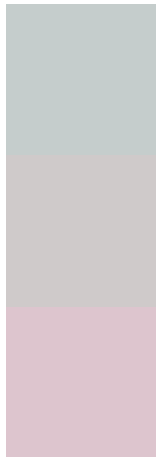


This preview shows how white text looks on a background with the XYZ color 55.7564, 59.8926,

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

55.7564, 59.8926, 65.7485

Protanopia

57.5133, 59.7707, 64.3827

Deuteranopia

60.9256, 59.7609, 66.7164



Tritanopia

57.6953, 59.9685, 75.5520

Trichromacy



Original Color

55.7564, 59.8926, 65.7485

Protanomaly

56.7640, 59.7202, 65.0353

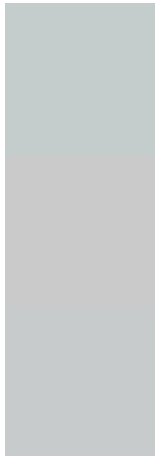
Deuteranomaly

58.8251, 59.7134, 66.1830

Tritanomaly

57.0192, 60.0465, 72.2032

Monochromacy



Original Color

55.7564, 59.8926, 65.7485

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9548, 59.3030, 64.9974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7564, 59.8926, 65.7485 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, 205, 204) looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 204)  
}
```

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, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.7564, 59.8926, 65.7485 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, 205, 204) }
```


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

```
.border{ border-color:rgb(197, 205, 204) }
```

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

Here you see how a box with a 4 pixel rgb(197, 205, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7564, 59.8926, 65.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 204) }
```

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

```
.background{ background-color: rgb(197,  
205, 204) }
```

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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