

Converting Colors

XYZ(54.7473, 59.2079, 57.0528)

Have a look what the booklet for
XYZ(54.7473, 59.2079, 57.0528)
contains.

XYZ(54.7065, 59.1828, 57.2553)	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(54.7065, 59.1828,
57.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CCBE
RGB	200, 204, 190
RGB Percent	78%, 80%, 75%
CMY	0.2157, 0.2000, 0.2549
CMYK	0.02, 0.00, 0.07, 0.20
HSL	77°, 12%, 77%
HSV	77°, 7%, 80%
XYZ	54.7065, 59.1828, 57.2553
YIQ	201.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

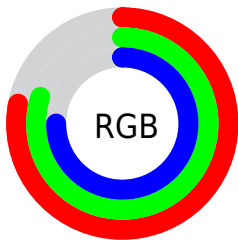
Format	Color
RYB	190, 204, 194
Decimal	13159614
CIELab	81.39, -3.88, 6.49
CIELCh	81, 7.559, 120.874
Yxy	59.1828, 0.3197, 0.3458
Android (android.graphics.Color)	4291349694 (0xFFC8CCBE)
YUV	201.2080, -5.5255, -1.0594
Hunter-Lab	76.9304, -7.6937, 9.7248

Details

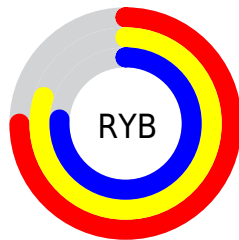
The XYZ color **54.7065, 59.1828, 57.2553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5631, 52.6576, 64.5761**, and the grayscale version is **55.6800, 58.5797, 63.7933**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **27.2758, 29.7298, 27.9678** is the 20% darker color. If you saturate the color by 10%, you get **51.1032, 57.5668, 46.2507**, and if you desaturate by 10%, it is **58.6847, 60.9594, 69.9091**.

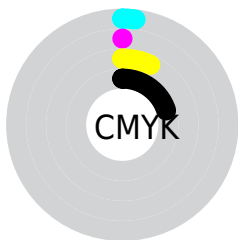
Distribution



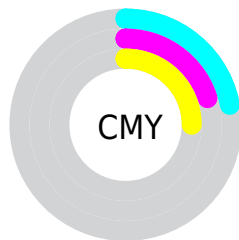
- Red (78%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7065, 59.1828, 57.2553 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 54.7065, 59.1828, 57.2553 by changing the saturation by 10% instead.

■ 54.7065, 59.1828,
57.2553

■ 54.7065, 59.1828,
57.2553

394.9529,
421.5790, 431.9258

■ 39.3997, 42.7603,
40.7995

■ 96.2616, 103.6433,
102.3416

■ 27.2529, 29.6971,
27.8439

123.2407,
132.4501, 131.8093

■ 17.9008, 19.6088,
17.9700

154.8412,
166.1537, 166.4513

■ 10.9781, 12.1110,
10.7593

191.4285,
205.1387, 206.6862

■ 6.1193, 6.8193,
5.7931

233.3680,
249.7893, 252.9326

■ 2.9591, 3.3494,
2.6529

281.0250,

■ 1.1322, 1.3167,

300.4899, 305.6089

0.9196

334.7648,
357.6250, 365.1338

■ 0.0518, 0.1541,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7065, 59.1828,
57.2553

■ 54.7065, 59.1828,
57.2553

■ 51.1032, 57.5668,
46.2507

■ 58.6847, 60.9594,
69.9091

■ 47.8564, 56.0983,
36.8236

■ 63.0456, 62.8942,
84.2721

■ 44.9531, 54.7740,
28.9024

■ 67.8031, 64.9946,
100.4063

■ 42.3780, 53.5875,
22.4090

■ 70.1786, 66.1492,
103.6770

■ 40.1139, 52.5320,
17.2578

■ 72.0107, 67.0937,
103.7628

■ 38.1424, 51.6000,
13.3543

■ 73.9053, 68.0704,
103.8514

■ 36.4425, 50.7830,
10.5917

■ 75.8631, 69.0797,
103.9430

■ 34.9896, 50.0712,
8.8452

■ 77.8847, 70.1219,
104.0377

■ 33.7517, 49.4516,
7.9499

■ 79.9706, 71.1972,
104.1353

Harmonies

Analogous

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



56.2051, 59.1828, 56.1240



54.7065, 59.1828, 57.2553



53.6385, 59.1828, 60.2962

Triad

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



54.7065, 59.1828, 57.2553



54.7853, 59.1828, 72.3452



59.3449, 59.1828, 64.3074

Complementary

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



54.7065, 59.1828, 57.2553



51.5631, 52.6576, 64.5761

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.



58.9480, 59.1828, 68.7695



54.7065, 59.1828, 57.2553



56.2978, 59.1828, 73.5394

Square

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



54.7065, 59.1828, 57.2553



53.6834, 59.1828, 69.0098



57.8253, 59.1828, 72.2019



58.9002, 59.1828, 60.0765

Rectangle

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



54.7065, 59.1828, 57.2553



53.3042, 59.1828, 63.0695



57.8253, 59.1828, 72.2019



59.3054, 59.1828, 65.8302

Sweetspot

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



54.7081, 59.1854, 57.2566



93.7052, 99.4003, 104.6077



53.4826, 55.1257, 56.5376



20.0709, 21.2821, 22.4353



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.



54.7081, 59.1854, 57.2566



89.8241, 97.6655, 92.4117



52.8899, 58.2480, 57.1715



11.8291, 12.9293, 11.9516



21.1104, 31.0581, 4.8822



1.1614, 1.6396, 0.2553

Inverse Universe

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



51.5631, 52.6576, 64.5761



83.7264, 85.0090, 106.6033



53.3931, 53.6009, 64.6618



10.8980, 10.9967, 14.1186



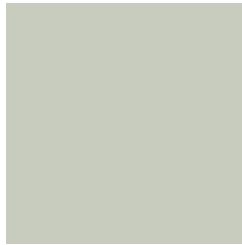
8.0506, 3.3578, 36.1801



0.4911, 0.2123, 1.8700

Previews

White Background



This preview shows how the XYZ color 54.7065, 59.1828, 57.2553 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 54.7065, 59.1828, 57.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

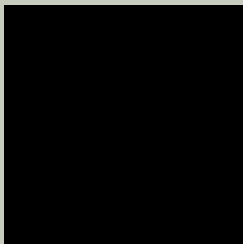
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

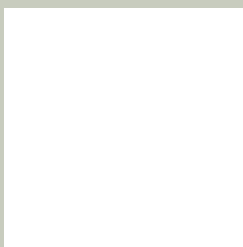
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7065, 59.1828, 57.2553

Background



This preview shows how black text looks on a background with the XYZ color 54.7065, 59.1828, 57.2553.



This preview shows how white text looks on a background with the XYZ color 54.7065, 59.1828,

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

54.7065, 59.1828, 57.2553

Protanopia

56.3664, 59.0027, 56.5619

Deuteranopia

60.0809, 58.8435, 58.0605



Tritanopia

57.9508, 59.1038, 73.3196

Trichromacy



Original Color

54.7065, 59.1828, 57.2553

Protanomaly

55.7594, 59.0370, 56.6006

Deuteranomaly

57.9170, 58.7487, 57.5773

Tritanomaly

56.7777, 58.9748, 67.4222

Monochromacy



Original Color

54.7065, 59.1828, 57.2553

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2860, 58.6898, 61.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7065, 59.1828, 57.2553 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(200, 204, 190) looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 190)  
}
```

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(200, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.7065, 59.1828, 57.2553 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(200, 204, 190) }
```


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

```
.border{ border-color:rgb(200, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7065, 59.1828, 57.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 190) }
```

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

```
.background{ background-color: rgb(200,  
204, 190) }
```

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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