

Converting Colors

XYZ(54.2208, 59.6810, 59.0584)

Have a look what the booklet for
XYZ(54.2208, 59.6810, 59.0584)
contains.

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Color

**XYZ(54.2026, 59.5950,
59.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CEC1
RGB	195, 206, 193
RGB Percent	76%, 81%, 76%
CMY	0.2353, 0.1921, 0.2431
CMYK	0.05, 0.00, 0.06, 0.19
HSL	111°, 12%, 78%
HSV	111°, 6%, 81%
XYZ	54.2026, 59.5950, 59.0983
YIQ	201.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

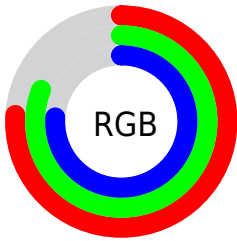
Format	Color
R _Y B	193, 206, 204
Decimal	12832449
CIE Lab	81.62, -6.13, 5.16
CIE LCh	82, 8.016, 139.904
Yxy	59.5950, 0.3135, 0.3447
Android (android.graphics.Color)	4291022529 (0xFFC3CEC1)
YUV	201.2290, -4.0569, -5.4628
Hunter-Lab	77.1978, -9.7666, 8.6494

Details

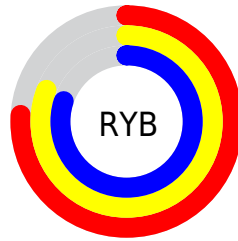
The XYZ color **54.2026, 59.5950, 59.0983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1148, 55.4352, 66.1909**, and the grayscale version is **55.6862, 58.5862, 63.8004**.

A 20% lighter version of the original color is **93.0038, 99.0550, 103.8402**, and **26.9464, 30.0126, 29.1837** is the 20% darker color. If you saturate the color by 10%, you get **47.8186, 56.5530, 47.6275**, and if you desaturate by 10%, it is **61.4360, 63.0413, 72.2824**.

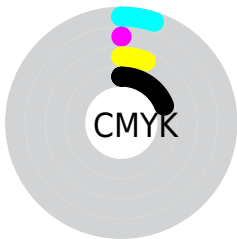
Distribution



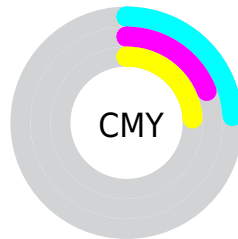
- Red (76%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (81%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2026, 59.5950, 59.0983 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 54.2026, 59.5950, 59.0983 by changing the saturation by 10% instead.

■ 54.2026, 59.5950,
59.0983

■ 54.2026, 59.5950,
59.0983

393.0679,
423.1033, 438.9781

■ 38.9950, 43.0923,
42.2717

■ 95.5268, 104.2419,
105.0510

■ 26.9365, 29.9575,
28.9870

122.3741,
133.1549, 135.0143

■ 17.6619, 19.8063,
18.8255

153.8320,
166.9735, 170.1935

■ 10.8057, 12.2544,
11.3687

190.2658,
206.0820, 211.0073

■ 6.0027, 6.9172,
6.1981

232.0410,
250.8648, 257.8740

■ 2.8874, 3.4103,
2.8952

279.5228,

■ 1.0945, 1.3495,

301.7064, 311.2124

1.0414

333.0767,
358.9911, 371.4409

■ 0.0205, 0.1791,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2026, 59.5950,
59.0983

■ 54.2026, 59.5950,
59.0983

■ 47.8186, 56.5530,
47.6275

■ 61.4360, 63.0413,
72.2824

■ 42.2480, 53.8930,
37.7959

■ 69.5433, 66.8981,
87.2419

■ 37.4591, 51.6022,
29.5298

■ 78.5543, 71.1810,
104.0406

■ 33.4166, 49.6642,
22.7485

■ 81.3625, 72.6250,
104.3375

■ 30.0824, 48.0611,
17.3639

■ 27.4150, 46.7736,
13.2786

■ 25.3681, 45.7804,
10.3829

■ 23.8897, 45.0573,
8.5489

■ 22.9173, 44.5757,
7.6143

Harmonies

Analogous

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



55.5482, 59.5950, 56.5553



54.2026, 59.5950, 59.0983



53.5153, 59.5950, 63.2770

Triad

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



54.2026, 59.5950, 59.0983



56.0776, 59.5950, 74.4520



59.7422, 59.5950, 61.7832

Complementary

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



54.2026, 59.5950, 59.0983



55.1148, 55.4352, 66.1909

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.



59.8908, 59.5950, 66.5278



54.2026, 59.5950, 59.0983



57.7526, 59.5950, 74.0032

Square

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



54.2026, 59.5950, 59.0983



54.5835, 59.5950, 72.2431



59.1561, 59.5950, 71.0457



58.7541, 59.5950, 58.0514

Rectangle

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



54.2026, 59.5950, 59.0983



53.5135, 59.5950, 66.4966



59.1561, 59.5950, 71.0457



59.8928, 59.5950, 63.3071

Sweetspot

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



54.2043, 59.5976, 59.0996



92.6696, 98.8665, 104.5592



56.6351, 60.0815, 59.0649



19.8601, 21.1734, 22.4254



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.



54.2043, 59.5976, 59.0996



85.8692, 95.6267, 92.2266



54.1818, 59.5293, 61.6600



11.2260, 12.6184, 11.9234



14.0038, 27.3945, 4.5496



0.7748, 1.4402, 0.2372

Inverse Universe

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



55.1148, 55.4352, 66.1909



87.7393, 87.0778, 106.7911



55.1470, 55.5118, 63.4811



11.5115, 11.3130, 14.1473



17.7197, 8.3424, 36.6326



0.9611, 0.4546, 1.8920

Previews

White Background



This preview shows how the XYZ color 54.2026, 59.5950, 59.0983 looks on a white background.

Color Contrast Check

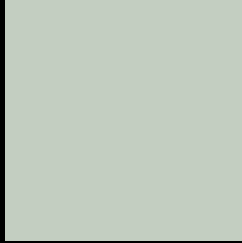
Large Text (above 18pt) WCAG AA × Fail

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 54.2026, 59.5950, 59.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

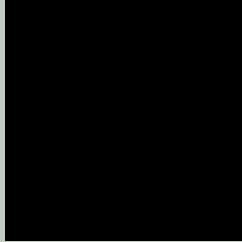
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

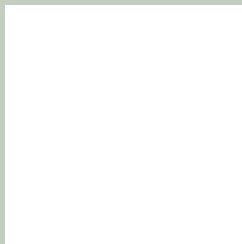
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2026, 59.5950, 59.0983

Background



This preview shows how black text looks on a background with the XYZ color 54.2026, 59.5950, 59.0983.



This preview shows how white text looks on a background with the XYZ color 54.2026, 59.5950,

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

54.2026, 59.5950, 59.0983

Protanopia

56.8190, 59.5580, 57.7914

Deuteranopia

60.6416, 59.4275, 59.9043



Tritanopia

57.3286, 59.4451, 74.7822

Trichromacy



Original Color

54.2026, 59.5950, 59.0983

Protanomaly

55.7722, 59.3550, 58.3863

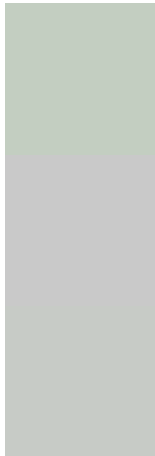
Deuteranomaly

58.1234, 59.4997, 59.4601

Tritanomaly

56.1533, 59.3211, 68.8121

Monochromacy



Original Color

54.2026, 59.5950, 59.0983

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1022, 58.9312, 61.8967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2026, 59.5950, 59.0983 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(195, 206, 193) looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 193)  
}
```

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(195, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 193) }
```

Border

The CSS property to change the border of an element to XYZ 54.2026, 59.5950, 59.0983 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(195, 206, 193) }
```


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

```
.border{ border-color:rgb(195, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2026, 59.5950, 59.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 193) }
```

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

```
.background{ background-color: rgb(195,  
206, 193) }
```

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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