

Converting Colors

XYZ(53.1864, 59.0099, 56.7157)

Have a look what the booklet for
XYZ(53.1864, 59.0099, 56.7157)
contains.

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Color

**XYZ(53.2489, 59.1542,
56.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CEBD
RGB	193, 206, 189
RGB Percent	76%, 81%, 74%
CMY	0.2431, 0.1921, 0.2588
CMYK	0.06, 0.00, 0.08, 0.19
HSL	106°, 15%, 77%
HSV	106°, 8%, 81%
XYZ	53.2489, 59.1542, 56.7555
YIQ	200.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

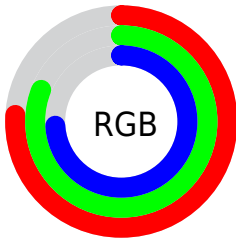
Format	Color
R _{YB}	189, 206, 202
Decimal	12701373
CIE Lab	81.38, -7.54, 6.93
CIE LCh	81, 10.241, 137.400
Yxy	59.1542, 0.3148, 0.3497
Android (android.graphics.Color)	4290891453 (0xFFC1CEBD)
YUV	200.1750, -5.5093, -6.2925
Hunter-Lab	76.9118, -11.0134, 10.0864

Details

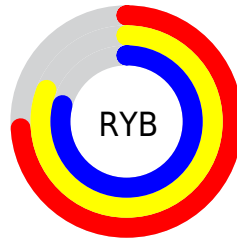
The XYZ color **53.2489, 59.1542, 56.7555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6977, 53.4096, 65.8745**, and the grayscale version is **55.0428, 57.9093, 63.0632**.

A 20% lighter version of the original color is **91.3084, 98.2523, 100.5383**, and **26.3196, 29.7230, 27.6425** is the 20% darker color. If you saturate the color by 10%, you get **47.3654, 56.3631, 45.6247**, and if you desaturate by 10%, it is **59.8813, 62.2980, 69.5818**.

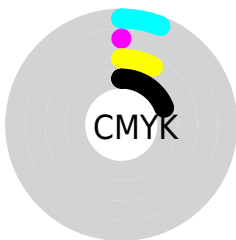
Distribution



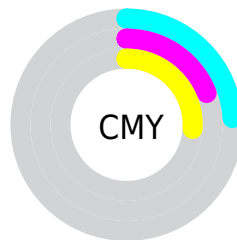
- Red (76%)
- Green (81%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2489, 59.1542, 56.7555 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 53.2489, 59.1542, 56.7555 by changing the saturation by 10% instead.

■ 53.2489, 59.1542,
56.7555

■ 53.2489, 59.1542,
56.7555

389.4846,
421.4731, 430.0006

■ 38.2298, 42.7373,
40.4009

■ 94.1339, 103.6017,
101.6051

■ 26.3391, 29.6790,
27.5351

120.7305,
132.4011, 130.9373

■ 17.2115, 19.5951,
17.7395

151.9169,
166.0968, 165.4323

■ 10.4816, 12.1011,
10.5956

188.0586,
205.0732, 205.5089

■ 5.7842, 6.8125,
5.6849

229.5208,
249.7146, 251.5854

■ 2.7537, 3.3451,
2.5888

276.6690,

■ 1.0249, 1.3145,

300.4054, 304.0805

0.8867

329.8685,
357.5301, 363.4127

■ 0.0000, 0.1524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2489, 59.1542,
56.7555

■ 53.2489, 59.1542,
56.7555

■ 47.3654, 56.3631,
45.6247

■ 59.8813, 62.2980,
69.5818

■ 42.1991, 53.9050,
36.1149

■ 67.2829, 65.7986,
84.1663

■ 37.7235, 51.7693,
28.1514

■ 75.4795, 69.6694,
100.5734

■ 33.9083, 49.9424,
21.6524

■ 81.3625, 72.6250,
104.3375

■ 30.7211, 48.4094,
16.5287

■ 28.1262, 47.1542,
12.6811

■ 26.0846, 46.1590,
9.9971

■ 24.5515, 45.4037,
8.3448

■ 23.4679, 44.8620,
7.5257

Harmonies

Analogous

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



55.0025, 59.1542, 53.8034



53.2489, 59.1542, 56.7555



52.3027, 59.1542, 61.8717

Triad

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



53.2489, 59.1542, 56.7555



55.3312, 59.1542, 76.6102



60.2437, 59.1542, 60.9481

Complementary

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



53.2489, 59.1542, 56.7555



53.6977, 53.4096, 65.8745

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.



60.3372, 59.1542, 67.0145



53.2489, 59.1542, 56.7555



57.4640, 59.1542, 76.3237

Square

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



53.2489, 59.1542, 56.7555



53.4843, 59.1542, 73.4805



59.3085, 59.1542, 72.7211



59.0563, 59.1542, 56.1164

Rectangle

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



53.2489, 59.1542, 56.7555



52.2409, 59.1542, 65.9389



59.3085, 59.1542, 72.7211



60.4052, 59.1542, 62.9027

Sweetspot

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



53.2505, 59.1567, 56.7568



92.8192, 98.9436, 104.5662



55.7033, 58.9224, 56.5823



19.8905, 21.1891, 22.4269



0.0000, 0.0000, 0.0000



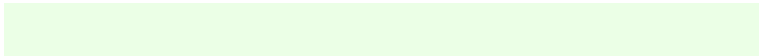
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2505, 59.1567, 56.7568



84.3984, 94.9522, 88.3746



52.7130, 58.8255, 59.1760



11.3110, 12.6622, 11.9273



14.4270, 27.6127, 4.5694



0.8138, 1.4603, 0.2390

Inverse Universe

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



53.6977, 53.4096, 65.8745



85.2755, 83.6758, 106.2643



54.2844, 53.7710, 63.2423



11.4196, 11.2656, 14.1430



15.5772, 7.2379, 36.5323



0.8678, 0.4065, 1.8877

Previews

White Background



This preview shows how the XYZ color 53.2489, 59.1542, 56.7555 looks on a white background.

Color Contrast Check

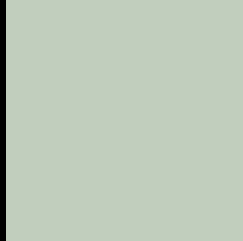
Large Text (above 18pt) WCAG AA × Fail

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 53.2489, 59.1542, 56.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

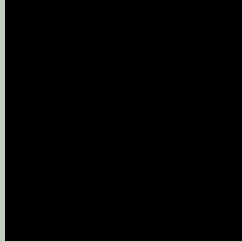
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

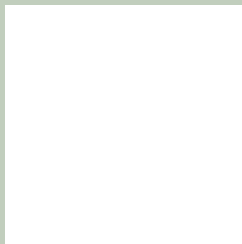
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2489, 59.1542, 56.7555

Background



This preview shows how black text looks on a background with the XYZ color 53.2489, 59.1542, 56.7555.



This preview shows how white text looks on a background with the XYZ color 53.2489, 59.1542,

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

53.2489, 59.1542, 56.7555

Protanopia

56.0441, 58.8738, 54.8643

Deuteranopia

59.9704, 58.7994, 57.4788



Tritanopia

57.0641, 59.3088, 74.7698

Trichromacy



Original Color

53.2489, 59.1542, 56.7555

Protanomaly

54.9542, 58.9962, 55.5047

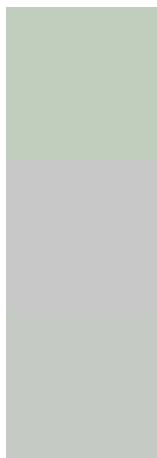
Deuteranomaly

57.1583, 58.7107, 57.0349

Tritanomaly

55.3834, 58.9526, 67.4915

Monochromacy



Original Color

53.2489, 59.1542, 56.7555

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1103, 58.0969, 60.5865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2489, 59.1542, 56.7555 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(193, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 189)  
}
```

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(193, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.2489, 59.1542, 56.7555 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(193, 206, 189) }
```


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

```
.border{ border-color:rgb(193, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 206, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 206, 189); box-shadow:4px 4px 4px 4px rgb(193, 206, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2489, 59.1542, 56.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 189) }
```

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

```
.background{ background-color: rgb(193,  
206, 189) }
```

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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