

Converting Colors

XYZ(54.1678, 59.7954, 49.2463)

Have a look what the booklet for
XYZ(54.1678, 59.7954, 49.2463)
contains.

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Color

**XYZ(54.1663, 59.7943,
49.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	CACEAF
RGB	202, 206, 175
RGB Percent	79%, 81%, 69%
CMY	0.2078, 0.1921, 0.3137
CMYK	0.02, 0.00, 0.15, 0.19
HSL	68°, 24%, 75%
HSV	68°, 15%, 81%
XYZ	54.1663, 59.7943, 49.2440
YIQ	201.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

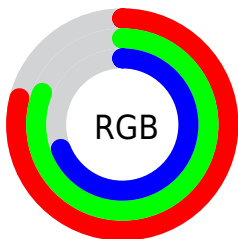
Format	Color
RYB	175, 206, 179
Decimal	13291183
CIELab	81.73, -6.69, 14.97
CIELCh	82, 16.403, 114.083
Yxy	59.7943, 0.3319, 0.3664
Android (android.graphics.Color)	4291481263 (0xFFCACEAF)
YUV	201.2700, -12.9511, 0.6402
Hunter-Lab	77.3268, -10.2852, 16.3711

Details

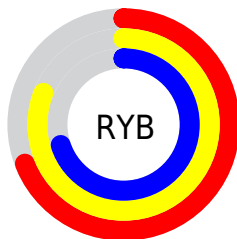
The XYZ color **54.1663, 59.7943, 49.2440** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0632, 44.7014, 64.6489**, and the grayscale version is **55.7607, 58.6646, 63.8858**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **26.9538, 30.1575, 22.8127** is the 20% darker color. If you saturate the color by 10%, you get **51.5823, 58.6802, 39.3550**, and if you desaturate by 10%, it is **57.0746, 61.0435, 60.7618**.

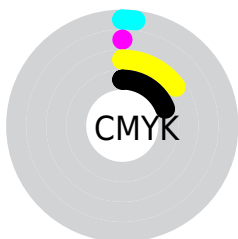
Distribution



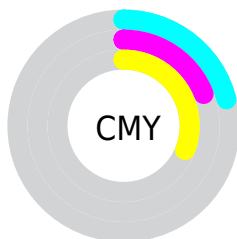
- Red (79%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1663, 59.7943, 49.2440 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 54.1663, 59.7943, 49.2440 by changing the saturation by 10% instead.

■ 54.1663, 59.7943,
49.2440

■ 54.1663, 59.7943,
49.2440

392.9319,
423.8392, 400.3522

■ 38.9658, 43.2529,
34.4461

■ 95.4738, 104.5312,
90.4385

■ 26.9138, 30.0836,
22.9564

122.3116,
133.4955, 117.6721

■ 17.6447, 19.9020,
14.3563

153.7592,
167.3695, 149.8881

■ 10.7934, 12.3238,
8.2273

190.1820,
206.5376, 187.5050

■ 5.9943, 6.9646,
4.1509

231.9453,
251.3842, 230.9413

■ 2.8823, 3.4400,
1.7085

279.4144,

■ 1.0918, 1.3655,

302.2938, 280.6156

0.3665

332.9549,
359.6506, 336.9463

■ 0.0182, 0.1911,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1663, 59.7943,
49.2440

■ 54.1663, 59.7943,
49.2440

■ 51.5823, 58.6802,
39.3550

■ 57.0746, 61.0435,
60.7618

■ 49.3039, 57.6878,
31.0177

■ 60.3156, 62.4252,
73.9735

■ 47.3175, 56.8137,
24.1542

■ 63.9032, 63.9471,
88.9450

■ 45.6067, 56.0512,
18.6784

■ 67.4597, 65.4579,
103.6869

■ 44.1536, 55.3931,
14.4955

■ 68.2362, 65.8582,
103.7232

■ 42.9376, 54.8314,
11.4987

■ 69.0253, 66.2650,
103.7601

■ 41.9353, 54.3564,
9.5640

■ 69.8273, 66.6784,
103.7977

■ 41.1179, 53.9568,
8.5404

■ 70.6421, 67.0984,
103.8358

■ 40.7553, 53.7764,
8.2318

■ 71.4697, 67.5251,
103.8745

Harmonies

Analogous

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



57.5198, 59.7943, 47.9653



54.1663, 59.7943, 49.2440



51.6236, 59.7943, 54.5769

Triad

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



54.1663, 59.7943, 49.2440



53.0264, 59.7943, 81.7507



63.6956, 59.7943, 67.0855

Complementary

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



54.1663, 59.7943, 49.2440



45.0632, 44.7014, 64.6489

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.



62.3809, 59.7943, 76.9087



54.1663, 59.7943, 49.2440



56.1511, 59.7943, 85.9090

Square

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



54.1663, 59.7943, 49.2440



50.9844, 59.7943, 73.1771



59.5852, 59.7943, 84.0532



63.1119, 59.7943, 57.6510

Rectangle

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



54.1663, 59.7943, 49.2440



50.6842, 59.7943, 60.0294



59.5852, 59.7943, 84.0532



63.4594, 59.7943, 70.4606

Sweetspot

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



54.1679, 59.7969, 49.2453



92.4614, 98.8949, 98.4168



49.2368, 48.3053, 47.2871



19.7151, 21.1353, 20.7620



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.



54.1679, 59.7969, 49.2453



86.3736, 96.2814, 74.4183



50.2762, 57.7907, 49.0632



12.0058, 13.0204, 11.9598



25.1524, 33.1419, 5.0713



1.3383, 1.7307, 0.2635

Inverse Universe

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



45.0632, 44.7014, 64.6489



68.9076, 67.3213, 103.9702



48.7505, 46.6023, 64.8214



10.7342, 10.9123, 14.1109



7.1780, 2.9079, 36.1392



0.4157, 0.1734, 1.8665

Previews

White Background



This preview shows how the XYZ color 54.1663, 59.7943, 49.2440 looks on a white background.

Color Contrast Check

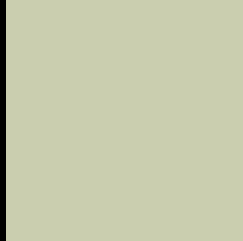
Large Text (above 18pt) WCAG AA × Fail

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 54.1663, 59.7943, 49.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

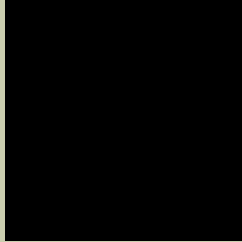
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

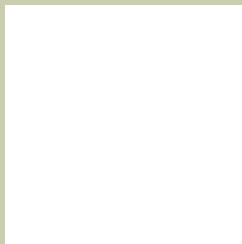
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1663, 59.7943, 49.2440

Background



This preview shows how black text looks on a background with the XYZ color 54.1663, 59.7943, 49.2440.



This preview shows how white text looks on a background with the XYZ color 54.1663, 59.7943,

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

54.1663, 59.7943, 49.2440

Protanopia

56.1039, 59.4043, 48.0444

Deuteranopia

60.7296, 59.3603, 49.8519



Tritanopia

59.0614, 59.6763, 73.3716

Trichromacy



Original Color

54.1663, 59.7943, 49.2440

Protanomaly

55.2904, 59.3232, 48.5808

Deuteranomaly

58.0787, 59.3536, 49.4696

Tritanomaly

57.1167, 59.5799, 63.7480

Monochromacy



Original Color

54.1663, 59.7943, 49.2440

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9578, 58.9352, 58.3482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1663, 59.7943, 49.2440 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(202, 206, 175)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 175)  
}
```

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(202, 206, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 175) }
```

Border

The CSS property to change the border of an element to XYZ 54.1663, 59.7943, 49.2440 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(202, 206, 175) }
```


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

```
.border{ border-color:rgb(202, 206, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1663, 59.7943, 49.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 175) }
```

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

```
.background{ background-color: rgb(202,  
206, 175) }
```

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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