

Converting Colors

XYZ(54.3775, 56.9837, 53.4522)

Have a look what the booklet for
XYZ(54.3775, 56.9837, 53.4522)
contains.

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Color

**XYZ(54.2994, 56.9707,
53.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6B8
RGB	206, 198, 184
RGB Percent	81%, 78%, 72%
CMY	0.1922, 0.2235, 0.2784
CMYK	0.00, 0.04, 0.11, 0.19
HSL	38°, 18%, 76%
HSV	38°, 11%, 81%
XYZ	54.2994, 56.9707, 53.4820
YIQ	198.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

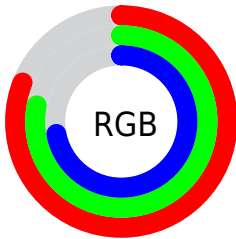
Format	Color
RYB	197, 206, 184
Decimal	13551288
CIELab	80.16, 0.38, 8.00
CIELCh	80, 8.006, 87.254
Yxy	56.9707, 0.3296, 0.3458
Android (android.graphics.Color)	4291741368 (0xFFCEC6B8)
YUV	198.7960, -7.2944, 6.3179
Hunter-Lab	75.4789, -3.6756, 10.8242

Details

The XYZ color **54.2994, 56.9707, 53.4820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7572, 52.3448, 65.8741**, and the grayscale version is **54.2019, 57.0247, 62.0998**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **27.0189, 28.2606, 25.5035** is the 20% darker color. If you saturate the color by 10%, you get **50.6266, 52.8324, 42.3686**, and if you desaturate by 10%, it is **58.3745, 61.4090, 66.2823**.

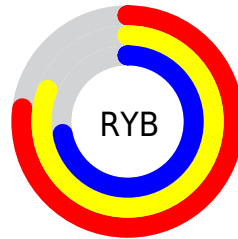
Distribution



Red (81%)

Green (78%)

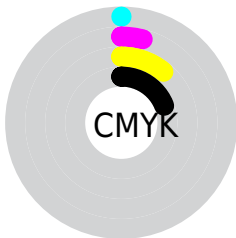
Blue (72%)



Red (77%)

Yellow (81%)

Blue (72%)

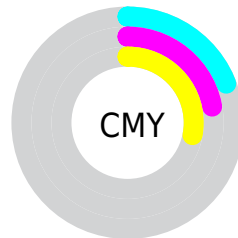


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (19%)



Cyan (19%)

Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2994, 56.9707, 53.4820 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 54.2994, 56.9707, 53.4820 by changing the saturation by 10% instead.

■ 54.2994, 56.9707,
53.4820

■ 54.2994, 56.9707,
53.4820

393.4304,
413.3395, 417.2503

■ 39.0727, 40.9817,
37.7973

■ 95.6680, 100.4224,
96.7620

■ 26.9973, 28.3048,
25.5248

122.5407,
128.6540, 125.1944

■ 17.7077, 18.5555,
16.2459

154.0260,
161.7352, 158.7131

■ 10.8388, 11.3496,
9.5421

190.4894,
200.0504, 197.7366

■ 6.0250, 6.3025,
4.9948

232.2961,
243.9840, 242.6836

■ 2.9011, 3.0299,
2.1855

279.8117,

■ 1.1017, 1.1473,

293.9205, 293.9725

0.6660

333.4013,
350.2442, 352.0219

■ 0.0265, 0.0181,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2994, 56.9707,
53.4820

■ 54.2994, 56.9707,
53.4820

■ 50.6266, 52.8324,
42.3686

■ 58.3745, 61.4090,
66.2823

■ 47.3366, 48.9788,
32.8668

■ 62.8610, 66.1473,
80.8331

■ 44.4152, 45.4042,
24.9008

■ 67.7737, 71.1951,
97.1993

■ 41.8455, 42.0996,
18.3875

■ 71.2344, 75.8031,
105.4847

39.6089, 39.0557,
13.2357

73.3384, 80.0111,
106.1861

37.6848, 36.2620,
9.3438

75.5327, 84.3998,
106.9175

36.0501, 33.7071,
6.5959

77.8184, 88.9711,
107.6794

34.6771, 31.3778,
4.8540

79.2638, 91.8619,
108.1612

33.5876, 29.3895,
3.9025

Harmonies

Analogous

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



55.8639, 56.9707, 54.7766



54.2994, 56.9707, 53.4820



52.7248, 56.9707, 54.3813

Triad

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



54.2994, 56.9707, 53.4820



51.4073, 56.9707, 66.2379



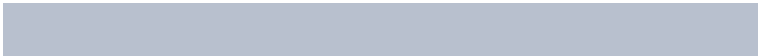
56.8309, 56.9707, 67.0200

Complementary

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



54.2994, 56.9707, 53.4820



49.7572, 52.3448, 65.8741

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.



55.5985, 56.9707, 70.3673



54.2994, 56.9707, 53.4820



52.4695, 56.9707, 69.9001

Square

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



54.2994, 56.9707, 53.4820



51.0751, 56.9707, 61.6019



53.9988, 56.9707, 71.4466



57.3437, 56.9707, 62.4629

Rectangle

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



54.2994, 56.9707, 53.4820



51.8774, 56.9707, 56.1301



53.9988, 56.9707, 71.4466



56.4859, 56.9707, 68.3325

Sweetspot

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



54.3010, 56.9732, 53.4832



92.9620, 97.7559, 102.2483



52.1166, 51.2123, 57.0468



19.7805, 20.7970, 21.5143



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.



54.3010, 56.9732, 53.4832



86.4408, 90.5982, 81.9332



55.3704, 60.3097, 54.0709



11.7977, 12.3843, 11.8480



20.7770, 18.2870, 2.4347



1.1424, 1.0845, 0.1491

Inverse Universe

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



49.7572, 52.3448, 65.8741



77.5222, 81.5137, 106.2556



48.7590, 49.2945, 65.3379



10.9300, 11.5004, 14.2141



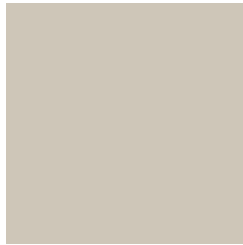
8.4886, 6.0011, 36.6672



0.5096, 0.4530, 1.9155

Previews

White Background



This preview shows how the XYZ color 54.2994, 56.9707, 53.4820 looks on a white background.

Color Contrast Check

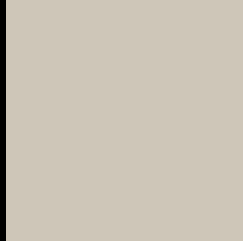
Large Text (above 18pt) WCAG AA × Fail

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 54.2994, 56.9707, 53.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

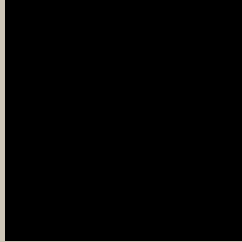
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

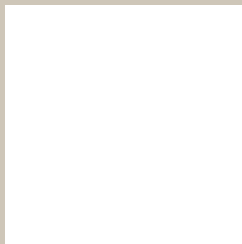
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2994, 56.9707, 53.4820

Background



This preview shows how black text looks on a background with the XYZ color 54.2994, 56.9707, 53.4820.

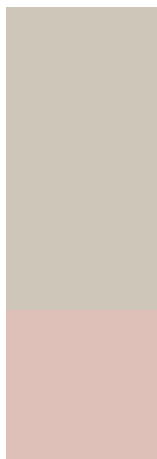


This preview shows how white text looks on a background with the XYZ color 54.2994, 56.9707,

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

54.2994, 56.9707, 53.4820

Protanopia

54.2994, 56.9707, 53.4820

Deuteranopia

58.0380, 56.8900, 53.8209



Tritanopia

57.3788, 56.8887, 68.2780

Trichromacy



Original Color

54.2994, 56.9707, 53.4820

Protanomaly

54.2994, 56.9707, 53.4820

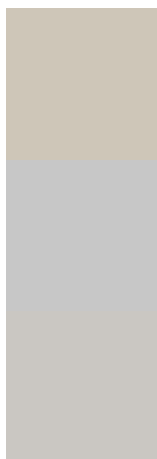
Deuteranomaly

56.6640, 56.8381, 53.8833

Tritanomaly

56.2349, 56.7557, 62.6346

Monochromacy



Original Color

54.2994, 56.9707, 53.4820

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5181, 57.2984, 59.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2994, 56.9707, 53.4820 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(206, 198, 184) looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 184)  
}
```

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(206, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 184) }
```

Border

The CSS property to change the border of an element to XYZ 54.2994, 56.9707, 53.4820 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(206, 198, 184) }
```


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

```
.border{ border-color:rgb(206, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2994, 56.9707, 53.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 184) }
```

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

```
.background{ background-color: rgb(206,  
198, 184) }
```

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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