

Converting Colors

XYZ(54.0012, 56.5347, 52.8339)

Have a look what the booklet for
XYZ(54.0012, 56.5347, 52.8339)
contains.

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Color

**XYZ(53.9671, 56.4732,
52.8558)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC5B7
RGB	206, 197, 183
RGB Percent	81%, 77%, 72%
CMY	0.1922, 0.2274, 0.2823
CMYK	0.00, 0.04, 0.11, 0.19
HSL	37°, 19%, 76%
HSV	37°, 11%, 81%
XYZ	53.9671, 56.4732, 52.8558
YIQ	198.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

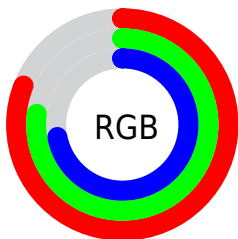
Format	Color
RYB	198, 206, 183
Decimal	13551031
CIELab	79.88, 0.75, 8.13
CIELCh	80, 8.165, 84.761
Yxy	56.4732, 0.3305, 0.3458
Android (android.graphics.Color)	4291741111 (0xFFCEC5B7)
YUV	198.0950, -7.4418, 6.9327
Hunter-Lab	75.1487, -3.3225, 10.9024

Details

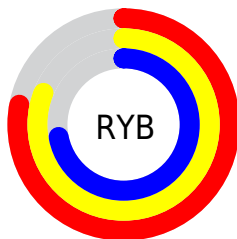
The XYZ color **53.9671, 56.4732, 52.8558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5186, 52.2219, 65.8630**, and the grayscale version is **53.7752, 56.5757, 61.6109**.

A 20% lighter version of the original color is **92.2618, 98.3756, 95.7870**, and **26.8006, 27.9320, 25.0980** is the 20% darker color. If you saturate the color by 10%, you get **50.1975, 52.1175, 41.7838**, and if you desaturate by 10%, it is **58.1515, 61.1550, 65.6157**.

Distribution



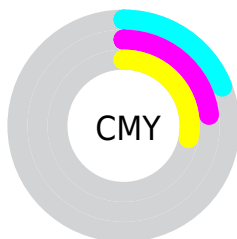
- Red (81%)
- Green (77%)
- Blue (72%)



- Red (78%)
- Yellow (81%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (19%)





- Cyan (19%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9671, 56.4732, 52.8558 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 53.9671, 56.4732, 52.8558 by changing the saturation by 10% instead.


 53.9671, 56.4732,
52.8558

 53.9671, 56.4732,
52.8558


392.1849,
411.4724, 414.7822

 38.8059, 40.5824,
37.3007


 95.1831, 99.6961,
95.8315

 26.7888, 27.9930,
25.1428

121.9687,
127.7970, 124.0893

 17.5505, 18.3204,
15.9635


153.3597,
160.7368, 157.4184

 10.7255, 11.1802,
9.3443

189.7216,
198.8999, 196.2373

 5.9485, 6.1882,
4.8665

231.4197,
242.6706, 240.9646

 2.8541, 2.9598,
2.1118

278.8194,

 1.0771, 1.1108,

292.4333, 292.0188

0.6228

332.2860,
348.5724, 349.8185

■ 0.0058, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9671, 56.4732,
52.8558

■ 53.9671, 56.4732,
52.8558

■ 50.1975, 52.1175,
41.7838

■ 58.1515, 61.1550,
65.6157

■ 46.8230, 48.0721,
32.3240

■ 62.7602, 66.1636,
80.1275

■ 43.8289, 44.3304,
24.4005

■ 67.8083, 71.5090,
96.4564

■ 41.1979, 40.8830,
17.9295

■ 71.5882, 76.5106,
105.6027

■ 38.9111, 37.7197,
12.8194

■ 73.8727, 81.0797,
106.3642

■ 36.9475, 34.8294,
8.9678

■ 76.2622, 85.8586,
107.1607

■ 35.2832, 32.2000,
6.2578

■ 78.7578, 90.8499,
107.9925

■ 33.8901, 29.8171,
4.5500

■ 79.2639, 91.8619,
108.1612

■ 32.8416, 27.8974,
3.6538

Harmonies

Analogous

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



55.5326, 56.4732, 54.3445



53.9671, 56.4732, 52.8558



52.3547, 56.4732, 53.5819

Triad

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



53.9671, 56.4732, 52.8558



50.8388, 56.4732, 65.3851



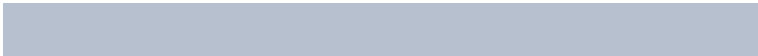
56.3165, 56.4732, 66.8979

Complementary

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



53.9671, 56.4732, 52.8558



49.5186, 52.2219, 65.8630

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.



55.0195, 56.4732, 70.1396



53.9671, 56.4732, 52.8558



51.8614, 56.4732, 69.2353

Square

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



53.9671, 56.4732, 52.8558



50.5700, 56.4732, 60.6615



53.3861, 56.4732, 71.0161



56.9068, 56.4732, 62.3254

Rectangle

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



53.9671, 56.4732, 52.8558



51.4670, 56.4732, 55.2447



53.3861, 56.4732, 71.0161



55.9475, 56.4732, 68.1885

Sweetspot

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



53.9686, 56.4757, 52.8570



92.8954, 97.6227, 102.2261



51.9244, 50.8042, 57.0557



19.7625, 20.7611, 21.5083



0.0000, 0.0000, 0.0000



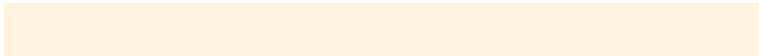
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9686, 56.4757, 52.8570



86.1669, 90.0503, 81.8418



55.4389, 60.3572, 53.5287



11.7712, 12.3313, 11.8392



20.3194, 17.3717, 2.2821



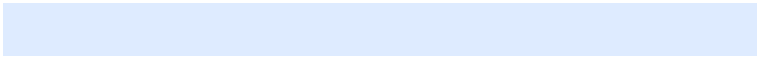
1.1207, 1.0412, 0.1419

Inverse Universe

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



49.5186, 52.2219, 65.8630



77.7840, 82.0374, 106.3429



48.1549, 48.6757, 65.2504



10.9556, 11.5517, 14.2227



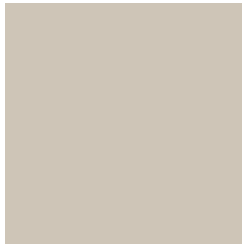
8.7406, 6.5052, 36.7512



0.5242, 0.4821, 1.9204

Previews

White Background



This preview shows how the XYZ color 53.9671, 56.4732, 52.8558 looks on a white background.

Color Contrast Check

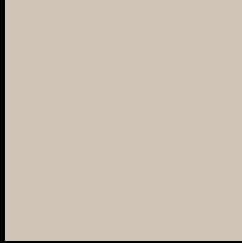
Large Text (above 18pt) WCAG AA × Fail

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 53.9671, 56.4732, 52.8558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

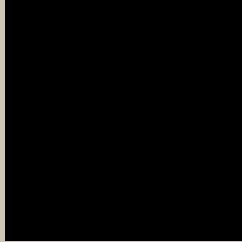
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

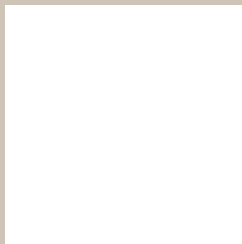
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9671, 56.4732, 52.8558

Background



This preview shows how black text looks on a background with the XYZ color 53.9671, 56.4732, 52.8558.

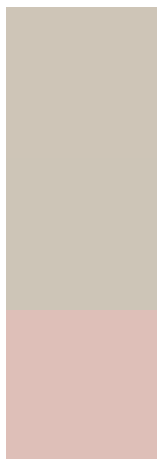


This preview shows how white text looks on a background with the XYZ color 53.9671, 56.4732,

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

53.9671, 56.4732, 52.8558

Protanopia

53.6903, 56.3305, 52.8428

Deuteranopia

57.4067, 56.2519, 53.1794



Tritanopia

57.0335, 56.3956, 67.5540

Trichromacy



Original Color

53.9671, 56.4732, 52.8558

Protanomaly

53.6903, 56.3305, 52.8428

Deuteranomaly

56.0406, 56.1995, 53.2413

Tritanomaly

55.8951, 56.2624, 61.9466

Monochromacy



Original Color

53.9671, 56.4732, 52.8558

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9071, 56.6559, 58.5466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9671, 56.4732, 52.8558 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, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 183)  
}
```

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, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.9671, 56.4732, 52.8558 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, 197, 183) }
```


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

```
.border{ border-color:rgb(206, 197, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9671, 56.4732, 52.8558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 183) }
```

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

```
.background{ background-color: rgb(206,  
197, 183) }
```

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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