

Converting Colors

XYZ(53.4355, 58.7485, 47.2324)

Have a look what the booklet for
XYZ(53.4355, 58.7485, 47.2324)
contains.

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Color

**XYZ(53.3007, 58.6826,
47.0457)**

Conversions

Conversions Part 1

Format	Color
Hex	CACCAB
RGB	202, 204, 171
RGB Percent	79%, 80%, 67%
CMY	0.2078, 0.2000, 0.3294
CMYK	0.01, 0.00, 0.16, 0.20
HSL	64°, 24%, 74%
HSV	64°, 16%, 80%
XYZ	53.3007, 58.6826, 47.0457
YIQ	199.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

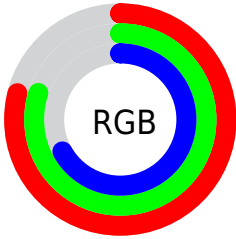
Format	Color
RYB	171, 204, 173
Decimal	13290667
CIELab	81.12, -6.29, 16.24
CIElCh	81, 17.418, 111.158
Yxy	58.6826, 0.3352, 0.3690
Android (android.graphics.Color)	4291480747 (0xFFCACCAB)
YUV	199.6400, -14.1195, 2.0697
Hunter-Lab	76.6046, -9.8595, 17.2110

Details

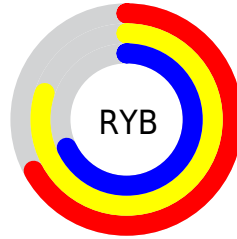
The XYZ color **53.3007, 58.6826, 47.0457** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6979, 42.3713, 63.0580**, and the grayscale version is **54.7597, 57.6114, 62.7388**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **26.4489, 29.4405, 21.7413** is the 20% darker color. If you saturate the color by 10%, you get **51.1710, 57.7941, 37.5670**, and if you desaturate by 10%, it is **55.7363, 59.6977, 58.1078**.

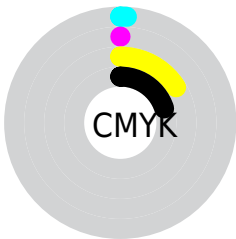
Distribution



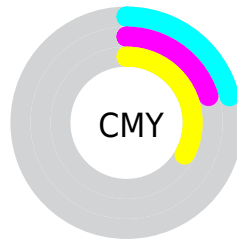
- Red (79%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3007, 58.6826, 47.0457 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 53.3007, 58.6826, 47.0457 by changing the saturation by 10% instead.

■ 53.3007, 58.6826,
47.0457

■ 53.3007, 58.6826,
47.0457

389.6797,
419.7247, 391.3960

■ 38.2713, 42.3577,
32.7172

■ 94.2096, 102.9162,
87.1325

■ 26.3715, 29.3815,
21.6405

120.8199,
131.5937, 113.7279

■ 17.2359, 19.3696,
13.3972

152.0211,
165.1575, 145.2493

■ 10.4992, 11.9376,
7.5687

188.1787,
203.9919, 182.1154

■ 5.7960, 6.7012,
3.7364

229.6580,
248.4815, 224.7445

■ 2.7609, 3.2760,
1.4819

276.8244,

■ 1.0286, 1.2774,

299.0105, 273.5553

0.2044

330.0432,
355.9635, 328.9662

■ 0.0000, 0.1236,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3007, 58.6826,
47.0457

■ 53.3007, 58.6826,
47.0457

■ 51.1710, 57.7941,
37.5670

■ 55.7363, 59.6977,
58.1078

■ 49.3290, 57.0190,
29.5956

■ 58.4862, 60.8368,
70.8171

■ 47.7613, 56.3540,
23.0550

■ 61.5638, 62.1074,
85.2385

■ 46.4518, 55.7925,
17.8602

■ 64.9807, 63.5140,
101.4325

■ 45.3827, 55.3276,
13.9174

■ 65.7116, 63.8465,
103.4680

■ 44.5339, 54.9510,
11.1209

■ 66.0618, 64.0270,
103.4844

■ 43.8820, 54.6536,
9.3474

■ 66.4147, 64.2089,
103.5009

■ 43.3975, 54.4233,
8.4414

■ 66.7703, 64.3923,
103.5175

■ 43.2350, 54.3445,
8.2108

■ 67.1287, 64.5770,
103.5343

Harmonies

Analogous

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



56.8531, 58.6826, 46.1487



53.3007, 58.6826, 47.0457



50.5272, 58.6826, 52.1879

Triad

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



53.3007, 58.6826, 47.0457



51.5224, 58.6826, 80.7178



62.9423, 58.6826, 67.0097

Complementary

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



53.3007, 58.6826, 47.0457



42.6979, 42.3713, 63.0580

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.



61.3764, 58.6826, 77.2346



53.3007, 58.6826, 47.0457



54.7127, 58.6826, 85.6922

Square

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



53.3007, 58.6826, 47.0457



49.5318, 58.6826, 71.3657



58.3269, 58.6826, 84.3529



62.5242, 58.6826, 56.9654

Rectangle

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



53.3007, 58.6826, 47.0457



49.4430, 58.6826, 57.6695



58.3269, 58.6826, 84.3529



62.6281, 58.6826, 70.5539

Sweetspot

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



53.3023, 58.6852, 47.0470



92.7803, 99.0593, 98.4317



47.1310, 45.5322, 44.8334



19.7928, 21.1754, 20.7657



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.



53.3023, 58.6852, 47.0470



87.1332, 96.7092, 72.8178



49.1590, 56.5493, 46.8531



12.0839, 13.0607, 11.9635



27.2399, 34.2180, 5.1690



1.4261, 1.7760, 0.2676

Inverse Universe

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



42.6979, 42.3713, 63.0580



66.6880, 65.2552, 103.6884



46.4873, 44.3248, 63.2354



10.6638, 10.8760, 14.1076



6.9860, 2.8090, 36.1303



0.3830, 0.1566, 1.8650

Previews

White Background



This preview shows how the XYZ color 53.3007, 58.6826, 47.0457 looks on a white background.

Color Contrast Check

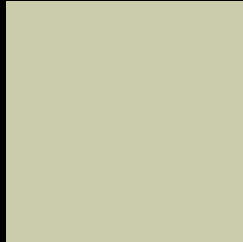
Large Text (above 18pt) WCAG AA × Fail

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 53.3007, 58.6826, 47.0457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

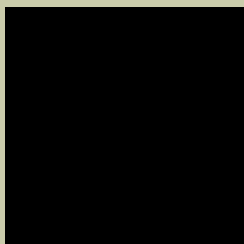
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

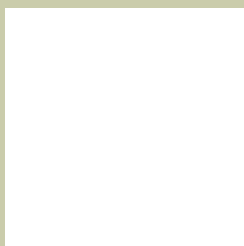
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3007, 58.6826, 47.0457

Background



This preview shows how black text looks on a background with the XYZ color 53.3007, 58.6826, 47.0457.



This preview shows how white text looks on a background with the XYZ color 53.3007, 58.6826,

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

53.3007, 58.6826, 47.0457

Protanopia

55.1995, 58.6349, 45.9445

Deuteranopia

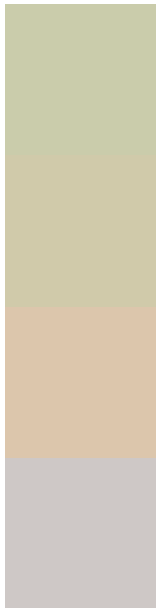
59.7896, 58.5896, 47.6928



Tritanopia

58.3441, 58.6531, 71.8644

Trichromacy



Original Color

53.3007, 58.6826, 47.0457

Protanomaly

54.3887, 58.5532, 46.4655

Deuteranomaly

57.1557, 58.5824, 47.3248

Tritanomaly

56.3009, 58.5076, 61.7518

Monochromacy



Original Color

53.3007, 58.6826, 47.0457

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1593, 57.8649, 56.4587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3007, 58.6826, 47.0457 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, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 171)  
}
```

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, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 171) }
```

Border

The CSS property to change the border of an element to XYZ 53.3007, 58.6826, 47.0457 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, 204, 171) }
```


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

```
.border{ border-color:rgb(202, 204, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3007, 58.6826, 47.0457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 171) }
```

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

```
.background{ background-color: rgb(202,  
204, 171) }
```

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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