

Converting Colors

XYZ(53.3852, 57.5230, 40.6366)

Have a look what the booklet for
XYZ(53.3852, 57.5230, 40.6366)
contains.

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Color

**XYZ(53.4042, 57.4788,
40.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C89E
RGB	210, 200, 158
RGB Percent	82%, 78%, 62%
CMY	0.1765, 0.2157, 0.3804
CMYK	0.00, 0.05, 0.25, 0.18
HSL	48°, 37%, 72%
HSV	48°, 25%, 82%
XYZ	53.4042, 57.4788, 40.6276
YIQ	198.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

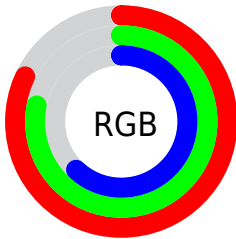
Format	Color
RYB	170, 210, 158
Decimal	13813918
CIELab	80.45, -3.14, 22.30
CIELCh	80, 22.525, 98.007
Yxy	57.4788, 0.3525, 0.3794
Android (android.graphics.Color)	4292003998 (0xFFD2C89E)
YUV	198.2020, -19.8196, 10.3468
Hunter-Lab	75.8148, -6.9398, 21.2980

Details

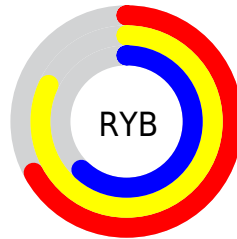
The XYZ color **53.4042, 57.4788, 40.6276** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7359, 39.9266, 66.5854**, and the grayscale version is **53.9091, 56.7166, 61.7643**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **26.3980, 28.5669, 17.7583** is the 20% darker color. If you saturate the color by 10%, you get **50.8268, 54.9736, 31.5997**, and if you desaturate by 10%, it is **56.3182, 60.1621, 51.2930**.

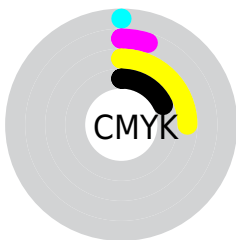
Distribution



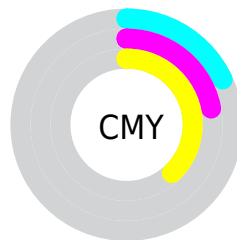
- Red (82%)
- Green (78%)
- Blue (62%)



- Red (67%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4042, 57.4788, 40.6276 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 53.4042, 57.4788, 40.6276 by changing the saturation by 10% instead.


 53.4042, 57.4788,
40.6276


 53.4042, 57.4788,
40.6276


390.0695,
415.2410, 364.3922

 38.3543, 41.3898,
27.7107


 94.3609, 101.1635,
77.3658

 26.4363, 28.6238,
17.8706


 120.9984,
129.5279, 102.0241

 17.2847, 18.7964,
10.6886


152.2292,
162.7530, 131.4334

 10.5342, 11.5233,
5.7463

188.4186,
201.2230, 166.0121

 5.8195, 6.4199,
2.6252

229.9320,
245.3225, 206.1788

 2.7753, 3.1021,
0.9054

277.1347,

 1.0361, 1.1853,

295.4357, 252.3520

0.0000

330.3921,
351.9471, 304.9503

■ 0.0000, 0.0496,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4042, 57.4788,
40.6276

■ 53.4042, 57.4788,
40.6276

■ 50.8268, 54.9736,
31.5997

■ 56.3182, 60.1621,
51.2930

■ 48.5657, 52.6321,
24.1228

■ 59.5791, 63.0220,
63.6691

■ 46.6050, 50.4497,
18.1083

■ 63.2022, 66.0669,
77.8291

■ 44.9257, 48.4184,
13.4567

■ 67.2006, 69.3022,
93.8408

■ 43.5065, 46.5295,
10.0564

■ 70.2712, 72.2071,
104.8414

■ 42.3225, 44.7726,
7.7779

■ 71.3447, 74.3541,
105.1993

■ 41.3436, 43.1353,
6.4636

■ 72.4440, 76.5527,
105.5657

■ 40.8847, 42.3141,
6.0126

■ 73.5692, 78.8031,
105.9408

■ 74.7205, 81.1058,
106.3245

Harmonies

Analogous

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



58.0253, 57.4788, 41.8411



53.4042, 57.4788, 40.6276



49.3442, 57.4788, 44.6086

Triad

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



53.4042, 57.4788, 40.6276



47.9294, 57.4788, 79.5871



63.2864, 57.4788, 72.5999

Complementary

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



53.4042, 57.4788, 40.6276



39.7359, 39.9266, 66.5854

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.



60.2844, 57.4788, 84.8381



53.4042, 57.4788, 40.6276



51.3734, 57.4788, 89.2517

Square

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



53.4042, 57.4788, 40.6276



46.3017, 57.4788, 66.1945



55.8782, 57.4788, 91.2977



63.9056, 57.4788, 59.1084

Rectangle

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



53.4042, 57.4788, 40.6276



47.4413, 57.4788, 50.0543



55.8782, 57.4788, 91.2977



62.5146, 57.4788, 77.0489

Sweetspot

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



53.4057, 57.4814, 40.6288



91.2231, 96.7335, 94.0992



45.9110, 40.9982, 42.7359



19.4577, 20.6461, 19.8818



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.



53.4057, 57.4814, 40.6288



80.5732, 86.9885, 54.9270



51.5696, 60.0846, 41.2280



12.6023, 13.3952, 12.5334



25.0094, 25.9518, 3.6911



1.4492, 1.5527, 0.2233

Inverse Universe

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



39.7359, 39.9266, 66.5854



55.6403, 54.9748, 102.2864



41.2270, 38.0605, 66.1466



11.3450, 11.7803, 14.9195



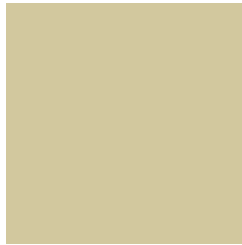
7.6219, 3.8904, 37.5417



0.4819, 0.3290, 2.1177

Previews

White Background



This preview shows how the XYZ color 53.4042, 57.4788, 40.6276 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 53.4042, 57.4788, 40.6276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

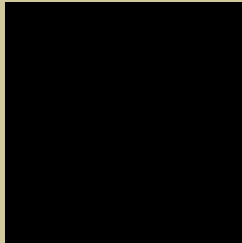
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4042, 57.4788, 40.6276

Background



This preview shows how black text looks on a background with the XYZ color 53.4042, 57.4788, 40.6276.



This preview shows how white text looks on a background with the XYZ color 53.4042, 57.4788,

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

53.4042, 57.4788, 40.6276

Protanopia

53.7464, 57.3125, 40.5774

Deuteranopia

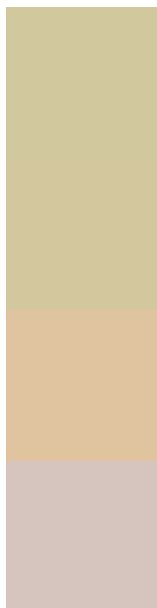
58.4735, 57.3931, 41.2538



Tritanopia

58.7740, 57.2929, 67.6354

Trichromacy



Original Color

53.4042, 57.4788, 40.6276

Protanomaly

53.4589, 57.1644, 40.5640

Deuteranomaly

56.5136, 57.3807, 40.8979

Tritanomaly

56.7657, 57.4937, 56.8207

Monochromacy



Original Color

53.4042, 57.4788, 40.6276

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3278, 56.8223, 52.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4042, 57.4788, 40.6276 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(210, 200, 158)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 158)  
}
```

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(210, 200, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 158) }
```

Border

The CSS property to change the border of an element to XYZ 53.4042, 57.4788, 40.6276 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(210, 200, 158) }
```


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

```
.border{ border-color:rgb(210, 200, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 158);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4042, 57.4788, 40.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 158) }
```

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

```
.background{ background-color: rgb(210,  
200, 158) }
```

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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