

Converting Colors

XYZ(53.3257, 58.8514, 40.0014)

Have a look what the booklet for
XYZ(53.3257, 58.8514, 40.0014)
contains.

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Color

**XYZ(53.3257, 58.8514,
40.0014)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCC9C
RGB	207, 204, 156
RGB Percent	81%, 80%, 61%
CMY	0.1882, 0.2000, 0.3882
CMYK	0.00, 0.01, 0.25, 0.19
HSL	56°, 35%, 71%
HSV	56°, 25%, 81%
XYZ	53.3257, 58.8514, 40.0014
YIQ	199.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

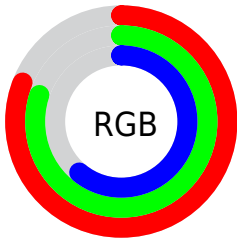
Format	Color
RYB	159, 207, 156
Decimal	13618332
CIELab	81.21, -6.62, 24.36
CIElCh	81, 25.246, 105.209
Yxy	58.8514, 0.3504, 0.3867
Android (android.graphics.Color)	4291808412 (0xFFCFCC9C)
YUV	199.4250, -21.4085, 6.6433
Hunter-Lab	76.7147, -10.1722, 22.7846

Details

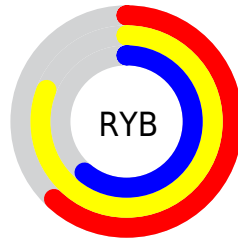
The XYZ color **53.3257, 58.8514, 40.0014** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3708, 36.3683, 64.0818**, and the grayscale version is **54.6675, 57.5144, 62.6332**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **26.3539, 29.4876, 17.3994** is the 20% darker color. If you saturate the color by 10%, you get **51.4329, 57.6358, 31.4473**, and if you desaturate by 10%, it is **55.5225, 60.1963, 50.1321**.

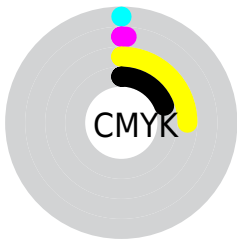
Distribution



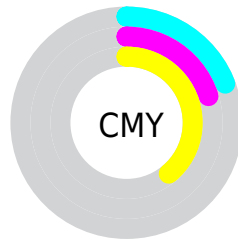
- Red (81%)
- Green (80%)
- Blue (61%)



- Red (62%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (19%)





- Cyan (19%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3257, 58.8514, 40.0014 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 53.3257, 58.8514, 40.0014 by changing the saturation by 10% instead.

 53.3257, 58.8514,
40.0014

 53.3257, 58.8514,
40.0014

389.7739,
420.3510, 361.6817

 38.2914, 42.4935,
27.2258


 94.2462, 103.1617,
76.4028

 26.3871, 29.4879,
17.5090


 120.8630,
131.8828, 100.8656

 17.2477, 19.4502,
10.4323


152.0714,
165.4939, 130.0614

 10.5076, 11.9961,
5.5772

188.2367,
204.3792, 164.4085

 5.8016, 6.7410,
2.5251

229.7242,
248.9231, 204.3256

 2.7644, 3.3007,
0.8534

276.8993,

 1.0304, 1.2906,

299.5102, 250.2311

0.0000

330.1275,
356.5247, 302.5436

0.0000, 0.1339,
0.0000

0.0000, 0.0000,
0.0000

53.3257, 58.8514,
40.0014

53.3257, 58.8514,
40.0014

51.4329, 57.6358,
31.4473

55.5225, 60.1963,
50.1321

49.8245, 56.5355,
24.3862

58.0329, 61.6682,
61.9096

48.4855, 55.5466,
18.7327

60.8716, 63.2751,
75.4047

47.3978, 54.6617,
14.3911

64.0510, 65.0218,
90.6827

■ 46.5408, 53.8728,
11.2539

■ 66.8494, 66.6198,
103.9433

■ 45.8910, 53.1702,
9.1966

■ 67.1508, 67.2227,
104.0438

■ 45.4196, 52.5426,
8.0676

■ 67.4546, 67.8302,
104.1450

■ 45.2123, 52.2257,
7.6976

■ 67.7606, 68.4422,
104.2470

■ 68.0689, 69.0588,
104.3498

Harmonies

Analogous

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



58.5576, 58.8514, 39.9615



53.3257, 58.8514, 40.0014



49.0634, 58.8514, 45.7669

Triad

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



53.3257, 58.8514, 40.0014



49.1113, 58.8514, 86.9043



66.2929, 58.8514, 71.7596

Complementary

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



53.3257, 58.8514, 40.0014



37.3708, 36.3683, 64.0818

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.



63.4232, 58.8514, 86.7214



53.3257, 58.8514, 40.0014



53.3948, 58.8514, 96.3518

Square

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



53.3257, 58.8514, 40.0014



46.7360, 58.8514, 71.9799



58.6311, 58.8514, 96.2801



66.2715, 58.8514, 56.7789

Rectangle

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



53.3257, 58.8514, 40.0014



47.2503, 58.8514, 52.6881



58.6311, 58.8514, 96.2801



65.6268, 58.8514, 77.0040

Sweetspot

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



53.3272, 58.8540, 40.0026



91.9745, 98.2362, 94.3496



43.9139, 39.5602, 38.3053



19.6322, 20.9951, 19.9400



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.



53.3272, 58.8540, 40.0026



83.6697, 93.1815, 55.9591



48.2975, 57.3281, 39.9732



12.7415, 13.6737, 12.5798



28.5104, 32.9538, 4.8581



1.6126, 1.8795, 0.2778

Inverse Universe

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



37.3708, 36.3683, 64.0818



53.4570, 50.6081, 101.5586



41.5346, 37.7595, 64.1308



11.2186, 11.5275, 14.8774



7.2032, 3.0529, 37.4021



0.4228, 0.2107, 2.0980

Previews

White Background



This preview shows how the XYZ color 53.3257, 58.8514, 40.0014 looks on a white background.

Color Contrast Check

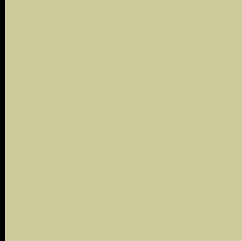
Large Text (above 18pt) WCAG AA × Fail

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 53.3257, 58.8514, 40.0014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

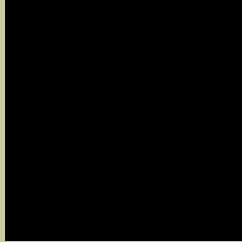
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3257, 58.8514, 40.0014

Background



This preview shows how black text looks on a background with the XYZ color 53.3257, 58.8514, 40.0014.



This preview shows how white text looks on a background with the XYZ color 53.3257, 58.8514,

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

53.3257, 58.8514, 40.0014

Protanopia

54.8274, 58.5869, 39.4290

Deuteranopia

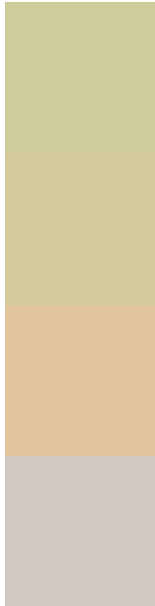
60.0554, 58.8851, 40.5484



Tritanopia

59.5815, 58.9821, 70.5318

Trichromacy



Original Color

53.3257, 58.8514, 40.0014

Protanomaly

54.1883, 58.6047, 39.4661

Deuteranomaly

57.3312, 58.8300, 40.2319

Tritanomaly

57.0327, 58.9632, 58.2443

Monochromacy



Original Color

53.3257, 58.8514, 40.0014

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7910, 57.7487, 53.1113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3257, 58.8514, 40.0014 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(207, 204, 156)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 156)  
}
```

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(207, 204, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 156) }
```

Border

The CSS property to change the border of an element to XYZ 53.3257, 58.8514, 40.0014 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(207, 204, 156) }
```


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

```
.border{ border-color:rgb(207, 204, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 156);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3257, 58.8514, 40.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 156) }
```

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

```
.background{ background-color: rgb(207,  
204, 156) }
```

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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