

Converting Colors

XYZ(53.4383, 59.2224, 40.1002)

Have a look what the booklet for
XYZ(53.4383, 59.2224, 40.1002)
contains.

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Color

**XYZ(53.5642, 59.3283,
40.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCD9C
RGB	207, 205, 156
RGB Percent	81%, 80%, 61%
CMY	0.1882, 0.1961, 0.3882
CMYK	0.00, 0.01, 0.25, 0.19
HSL	58°, 35%, 71%
HSV	58°, 25%, 81%
XYZ	53.5642, 59.3283, 40.0809
YIQ	200.0120, 16.9210, -14.8150

Conversions

Conversions Part 2

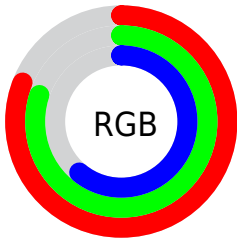
Format	Color
R_{YB}	158, 207, 156
Decimal	13618588
CIE _{Lab}	81.47, -7.14, 24.72
CIE _{LCh}	81, 25.729, 106.107
Yxy	59.3283, 0.3502, 0.3878
Android (android.graphics.Color)	4291808668 (0xFFCFCD9C)
YUV	200.0120, -21.6979, 6.1285
Hunter-Lab	77.0249, -10.6620, 23.0651

Details

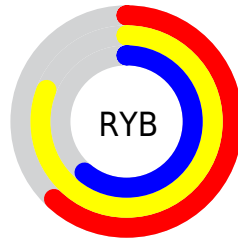
The XYZ color **53.5642, 59.3283, 40.0809** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1996, 36.0259, 64.0248**, and the grayscale version is **55.0305, 57.8964, 63.0491**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **26.5142, 29.8081, 17.4528** is the 20% darker color. If you saturate the color by 10%, you get **51.7660, 58.3019, 31.5583**, and if you desaturate by 10%, it is **55.6652, 60.4815, 50.1796**.

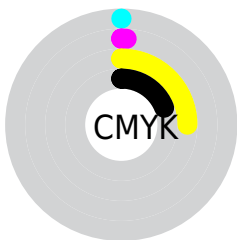
Distribution



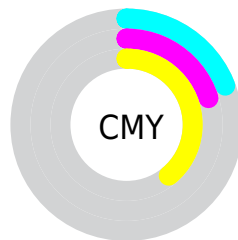
- Red (81%)
- Green (80%)
- Blue (61%)



- 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 53.5642, 59.3283, 40.0809 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 53.5642, 59.3283, 40.0809 by changing the saturation by 10% instead.

■ 53.5642, 59.3283,
40.0809

■ 53.5642, 59.3283,
40.0809

390.6715,
422.1175, 362.0267

■ 38.4826, 42.8775,
27.2874

■ 94.5947, 103.8547,
76.5251

■ 26.5364, 29.7890,
17.5548

■ 121.2744,
132.6990, 101.0129

■ 17.3601, 19.6785,
10.4647

152.5508,
166.4432, 130.2358

■ 10.5885, 12.1615,
5.5985

188.7893,
205.4718, 164.6124

■ 5.8561, 6.8538,
2.5377

230.3553,
250.1691, 204.5613

■ 2.7976, 3.3708,
0.8601

277.6141,

■ 1.0477, 1.3283,

300.9196, 250.5009

0.0000

330.9310,
358.1076, 302.8499

0.0000, 0.1629,
0.0000

0.0000, 0.0000,
0.0000

53.5642, 59.3283,
40.0809

53.5642, 59.3283,
40.0809

51.7660, 58.3019,
31.5583

55.6652, 60.4815,
50.1796

50.2510, 57.3883,
24.5283

58.0785, 61.7593,
61.9248

49.0041, 56.5835,
18.9055

60.8188, 63.1694,
75.3871

48.0072, 55.8804,
14.5942

63.8986, 64.7169,
90.6320

■ 47.2398, 55.2706,
11.4869

■ 66.5961, 66.1132,
103.8589

■ 46.6784, 54.7449,
9.4590

■ 66.7954, 66.5117,
103.9253

■ 46.2941, 54.2916,
8.3591

■ 66.9957, 66.9123,
103.9921

■ 46.1331, 54.0671,
8.0045

■ 67.1970, 67.3149,
104.0592

■ 67.3993, 67.7196,
104.1266

Harmonies

Analogous

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



58.9140, 59.3283, 39.8654



53.5642, 59.3283, 40.0809



49.2488, 59.3283, 46.1345

Triad

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



53.5642, 59.3283, 40.0809



49.5079, 59.3283, 88.4248



67.0560, 59.3283, 71.9873

Complementary

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



53.5642, 59.3283, 40.0809



37.1996, 36.0259, 64.0248

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.



64.1896, 59.3283, 87.4291



53.5642, 59.3283, 40.0809



53.9387, 59.3283, 97.8922

Square

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



53.5642, 59.3283, 40.0809



47.0109, 59.3283, 73.1843



59.3130, 59.3283, 97.5012



66.9398, 59.3283, 56.7118

Rectangle

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



53.5642, 59.3283, 40.0809



47.4383, 59.3283, 53.3113



59.3130, 59.3283, 97.5012



66.4019, 59.3283, 77.3759

Sweetspot

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



53.5657, 59.3310, 40.0822



92.0856, 98.4584, 94.3867



43.8402, 39.5307, 37.9169



19.6580, 21.0468, 19.9486



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.



53.5657, 59.3310, 40.0822



84.1388, 94.1197, 56.1155



48.0933, 57.2229, 39.9637



12.7621, 13.7150, 12.5867



29.0827, 34.0983, 5.0488



1.6387, 1.9318, 0.2865

Inverse Universe

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



37.1996, 36.0259, 64.0248



53.1493, 49.9928, 101.4560



41.7305, 37.8605, 64.1401



11.2002, 11.4907, 14.8713



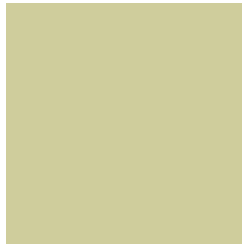
7.1673, 2.9813, 37.3902



0.4141, 0.1934, 2.0951

Previews

White Background



This preview shows how the XYZ color 53.5642, 59.3283, 40.0809 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 53.5642, 59.3283, 40.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

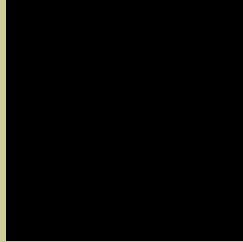
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5642, 59.3283, 40.0809

Background



This preview shows how black text looks on a background with the XYZ color 53.5642, 59.3283, 40.0809.



This preview shows how white text looks on a background with the XYZ color 53.5642, 59.3283,

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

53.5642, 59.3283, 40.0809

Protanopia

55.3558, 59.2065, 39.5208

Deuteranopia

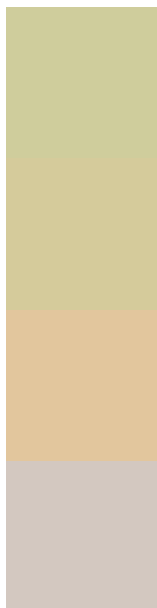
60.3884, 59.0567, 40.5640



Tritanopia

59.7080, 59.0327, 71.1983

Trichromacy



Original Color

53.5642, 59.3283, 40.0809

Protanomaly

54.7129, 59.2246, 39.5582

Deuteranomaly

57.6439, 58.9912, 40.2466

Tritanomaly

57.0327, 58.9632, 58.2443

Monochromacy



Original Color

53.5642, 59.3283, 40.0809

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4009, 58.3983, 53.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5642, 59.3283, 40.0809 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, 205, 156)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 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, 205, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 156) }
```

Border

The CSS property to change the border of an element to XYZ 53.5642, 59.3283, 40.0809 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, 205, 156) }
```


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

```
.border{ border-color:rgb(207, 205, 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, 205, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 205, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 205, 156); box-shadow:4px 4px 4px 4px rgb(207, 205, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5642, 59.3283, 40.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 156) }
```

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

```
.background{ background-color: rgb(207,  
205, 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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