

Converting Colors

XYZ(53.8359, 59.2099, 41.3925)

Have a look what the booklet for
XYZ(53.8359, 59.2099, 41.3925)
contains.

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Color

**XYZ(53.8633, 59.0988,
41.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CC9F
RGB	208, 204, 159
RGB Percent	82%, 80%, 62%
CMY	0.1843, 0.2000, 0.3765
CMYK	0.00, 0.02, 0.24, 0.18
HSL	55°, 34%, 72%
HSV	55°, 24%, 82%
XYZ	53.8633, 59.0988, 41.3692
YIQ	200.0660, 16.8290, -13.1470

Conversions

Conversions Part 2

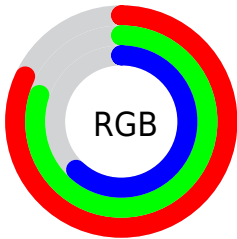
Format	Color
R_{YB}	163, 208, 159
Decimal	13683871
CIE _{Lab}	81.35, -5.83, 22.98
CIE _{LCh}	81, 23.709, 104.230
Yxy	59.0988, 0.3490, 0.3829
Android (android.graphics.Color)	4291873951 (0xFFD0CC9F)
YUV	200.0660, -20.2455, 6.9581
Hunter-Lab	76.8757, -9.4658, 21.9072

Details

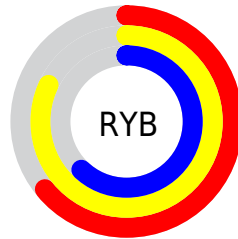
The XYZ color **53.8633, 59.0988, 41.3692** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7803, 38.1186, 64.9885**, and the grayscale version is **55.0552, 57.9223, 63.0774**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **26.6971, 29.6465, 18.2252** is the 20% darker color. If you saturate the color by 10%, you get **51.8078, 57.6371, 32.5159**, and if you desaturate by 10%, it is **56.2300, 60.6961, 51.8261**.

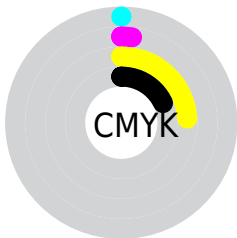
Distribution



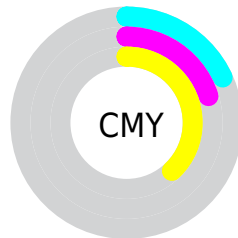
- Red (82%)
- Green (80%)
- Blue (62%)



- Red (64%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8633, 59.0988, 41.3692 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 53.8633, 59.0988, 41.3692 by changing the saturation by 10% instead.


 53.8633, 59.0988,
41.3692


 53.8633, 59.0988,
41.3692


391.7954,
421.2680, 367.5836

 38.7226, 42.6927,
28.2858


 95.0316, 103.5212,
78.5038

 26.7238, 29.6440,
18.3003


 121.7899,
132.3063, 103.3921

 17.5014, 19.5686,
10.9941


153.1514,
165.9865, 133.0524

 10.6901, 12.0818,
5.9488

189.4816,
204.9462, 167.9033

 5.9246, 6.7994,
2.7457

231.1457,
249.5698, 208.3633

 2.8395, 3.3370,
0.9663

278.5091,

 1.0695, 1.3101,

300.2417, 254.8510

0.0000

331.9372,
357.3463, 307.7849

0.0000, 0.1490,
0.0000

0.0000, 0.0000,
0.0000

53.8633, 59.0988,
41.3692

53.8633, 59.0988,
41.3692

51.8078, 57.6371,
32.5159

56.2300, 60.6961,
51.8261

50.0437, 56.2970,
25.1825

58.9176, 62.4267,
63.9574

48.5561, 55.0744,
19.2834

61.9407, 64.2986,
77.8340

47.3267, 53.9620,
14.7227

65.3119, 66.3168,
93.5217

■ 46.3352, 52.9518,
11.3932

■ 67.7275, 67.9599,
104.1557

■ 45.5580, 52.0342,
9.1711

■ 68.1550, 68.8149,
104.2982

■ 44.9667, 51.1979,
7.9067

■ 68.5870, 69.6788,
104.4422

■ 44.6522, 50.6892,
7.4306

■ 69.0234, 70.5517,
104.5877

■ 69.4644, 71.4336,
104.7346

Harmonies

Analogous

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



58.7994, 59.0988, 41.5106



53.8633, 59.0988, 41.3692



49.7879, 59.0988, 46.7193

Triad

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



53.8633, 59.0988, 41.3692



49.6212, 59.0988, 85.3069



65.8426, 59.0988, 72.0481

Complementary

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



53.8633, 59.0988, 41.3692



38.7803, 38.1186, 64.9885

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.



63.0789, 59.0988, 85.9337



53.8633, 59.0988, 41.3692



53.6233, 59.0988, 94.3221

Square

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



53.8633, 59.0988, 41.3692



47.4381, 59.0988, 71.2876



58.5450, 59.0988, 94.5670



65.9163, 59.0988, 57.8751

Rectangle

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



53.8633, 59.0988, 41.3692



48.0255, 59.0988, 53.2058



58.5450, 59.0988, 94.5670



65.1905, 59.0988, 76.9476

Sweetspot

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



53.8648, 59.1014, 41.3704



91.8454, 97.9781, 94.3066



45.0295, 40.8543, 40.2026



19.6022, 20.9351, 19.9300



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.



53.8648, 59.1014, 41.3704



83.7806, 92.5655, 58.5791



49.4509, 58.2539, 41.4395



12.7175, 13.6258, 12.5718



27.8635, 31.6600, 4.6424



1.5829, 1.8201, 0.2679

Inverse Universe

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



38.7803, 38.1186, 64.9885



56.0099, 53.9380, 102.0668



42.4708, 38.9846, 64.9611



11.2400, 11.5704, 14.8845



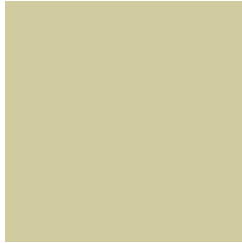
7.2492, 3.1450, 37.4175



0.4329, 0.2309, 2.1013

Previews

White Background



This preview shows how the XYZ color 53.8633, 59.0988, 41.3692 looks on a white background.

Color Contrast Check

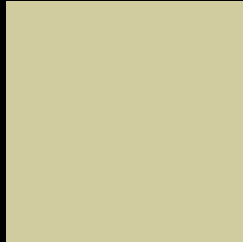
Large Text (above 18pt) WCAG AA × Fail

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 53.8633, 59.0988, 41.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

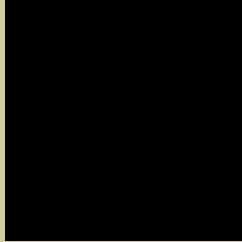
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

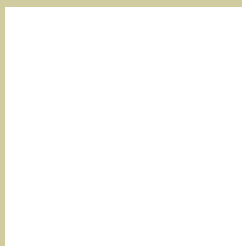
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8633, 59.0988, 41.3692

Background



This preview shows how black text looks on a background with the XYZ color 53.8633, 59.0988, 41.3692.



This preview shows how white text looks on a background with the XYZ color 53.8633, 59.0988,

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

53.8633, 59.0988, 41.3692

Protanopia

55.3164, 59.1568, 40.8507

Deuteranopia

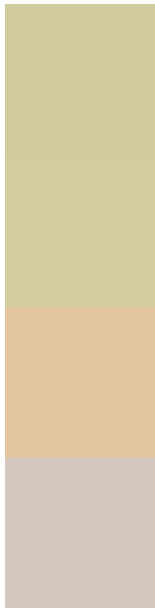
59.9858, 58.8189, 41.9098



Tritanopia

59.8742, 59.1330, 70.5455

Trichromacy



Original Color

53.8633, 59.0988, 41.3692

Protanomaly

54.6789, 59.1775, 40.8883

Deuteranomaly

57.5906, 58.9338, 41.5977

Tritanomaly

57.4313, 59.1559, 58.8433

Monochromacy



Original Color

53.8633, 59.0988, 41.3692

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2722, 57.9726, 54.2283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8633, 59.0988, 41.3692 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(208, 204, 159) looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 159)  
}
```

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(208, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 159) }
```

Border

The CSS property to change the border of an element to XYZ 53.8633, 59.0988, 41.3692 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(208, 204, 159) }
```


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

```
.border{ border-color:rgb(208, 204, 159) }
```

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

Here you see how a box with a 4 pixel rgb(208, 204, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8633, 59.0988, 41.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 159) }
```

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

```
.background{ background-color: rgb(208,  
204, 159) }
```

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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