

Converting Colors

XYZ(53.1152, 59.9757, 39.8697)

Have a look what the booklet for
XYZ(53.1152, 59.9757, 39.8697)
contains.

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Color

**XYZ(53.1311, 59.8296,
39.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCF9B
RGB	204, 207, 155
RGB Percent	80%, 81%, 61%
CMY	0.2000, 0.1882, 0.3921
CMYK	0.01, 0.00, 0.25, 0.19
HSL	63°, 35%, 71%
HSV	63°, 25%, 81%
XYZ	53.1311, 59.8296, 39.7583
YIQ	200.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

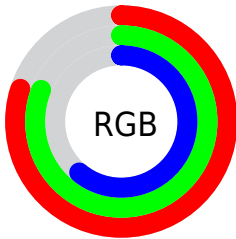
Format	Color
RYB	155, 207, 158
Decimal	13422491
CIELab	81.75, -9.43, 25.58
CIELCh	82, 27.261, 110.247
Yxy	59.8296, 0.3479, 0.3918
Android (android.graphics.Color)	4291612571 (0xFFCCCCF9B)
YUV	200.1750, -22.2713, 3.3545
Hunter-Lab	77.3496, -12.7509, 23.6692

Details

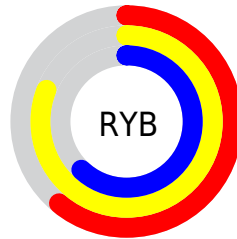
The XYZ color **53.1311, 59.8296, 39.7583** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0866, 35.2183, 63.8780**, and the grayscale version is **55.1354, 58.0067, 63.1693**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **26.2338, 30.1513, 17.2691** is the 20% darker color. If you saturate the color by 10%, you get **51.2136, 59.0269, 31.3587**, and if you desaturate by 10%, it is **55.3523, 60.7581, 49.7302**.

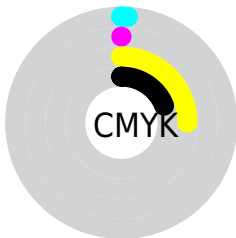
Distribution



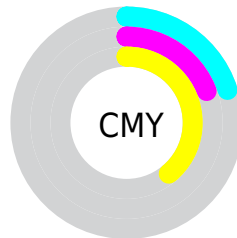
- Red (80%)
- Green (81%)
- Blue (61%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1311, 59.8296, 39.7583 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 53.1311, 59.8296, 39.7583 by changing the saturation by 10% instead.


 53.1311, 59.8296,
39.7583


 53.1311, 59.8296,
39.7583


389.0405,
423.9694, 360.6255

 38.1353, 43.2813,
27.0378


 93.9616, 104.5824,
76.0284

 26.2654, 30.1059,
17.3689


 120.5271,
133.5558, 100.4150

 17.1560, 19.9190,
10.3331


151.6799,
167.4396, 129.5275

 10.4418, 12.3362,
5.5119

187.7853,
206.6182, 163.7843

 5.7574, 6.9731,
2.4867

229.2087,
251.4762, 203.6039

 2.7374, 3.4453,
0.8331

276.3155,

 1.0164, 1.3684,

302.3977, 249.4050

0.0000

329.4710,
359.7673, 301.6060

0.0000, 0.1932,
0.0000

0.0000, 0.0000,
0.0000

53.1311, 59.8296,
39.7583

53.1311, 59.8296,
39.7583

51.2136, 59.0269,
31.3587

55.3523, 60.7581,
49.7302

49.5800, 58.3360,
24.4476


57.8866, 61.8102,
61.3449


48.2152, 57.7530,
18.9390


60.7489, 62.9937,
74.6734


47.1009, 57.2704,
14.7369


63.9516, 64.3137,
89.7812


 46.2167, 56.8802,
11.7331


 66.9370, 65.5470,
103.7316


 45.5387, 56.5727,
9.8019


 67.2788, 65.7232,
103.7476

 45.0377, 56.3363,
8.7902

 67.6231, 65.9008,
103.7637

 44.8313, 56.2362,
8.4918

 67.9700, 66.0796,
103.7800

 68.3195, 66.2597,
103.7963

Harmonies

Analogous

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



58.7567, 59.8296, 38.6912



53.1311, 59.8296, 39.7583



48.7950, 59.8296, 46.9476

Triad

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



53.1311, 59.8296, 39.7583



50.0955, 59.8296, 92.5964



68.4535, 59.8296, 70.6475

Complementary

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



53.1311, 59.8296, 39.7583



37.0866, 35.2183, 63.8780

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.



65.7818, 59.8296, 87.5232



53.1311, 59.8296, 39.7583



55.0168, 59.8296, 101.5311

Square

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



53.1311, 59.8296, 39.7583



47.1260, 59.8296, 76.7084



60.7725, 59.8296, 99.5326



67.8639, 59.8296, 54.8050

Rectangle

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



53.1311, 59.8296, 39.7583



47.0972, 59.8296, 55.0337



60.7725, 59.8296, 99.5326



67.9005, 59.8296, 76.4230

Sweetspot

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



53.1326, 59.8323, 39.7596



91.5053, 98.5322, 92.4904



43.8092, 39.9510, 36.4135



19.4514, 21.0342, 19.1791



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.



53.1326, 59.8323, 39.7596



83.4787, 95.1858, 56.3561



46.6835, 56.5076, 39.4578



12.7332, 13.7614, 12.5971



28.2722, 35.4438, 5.3512



1.6018, 1.9926, 0.3002

Inverse Universe

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



37.0866, 35.2183, 63.8780



53.5795, 49.3176, 101.3030



42.6572, 38.0900, 64.1387



11.2260, 11.4498, 14.8620



7.2176, 2.9011, 37.3721



0.4263, 0.1739, 2.0907

Previews

White Background



This preview shows how the XYZ color 53.1311, 59.8296, 39.7583 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 53.1311, 59.8296, 39.7583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

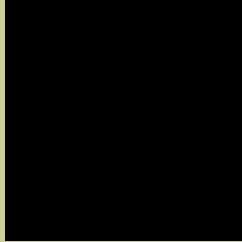
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

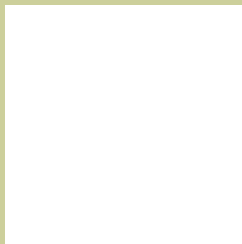
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1311, 59.8296, 39.7583

Background



This preview shows how black text looks on a background with the XYZ color 53.1311, 59.8296, 39.7583.



This preview shows how white text looks on a background with the XYZ color 53.1311, 59.8296,

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

53.1311, 59.8296, 39.7583

Protanopia

55.7210, 59.7635, 38.7357

Deuteranopia

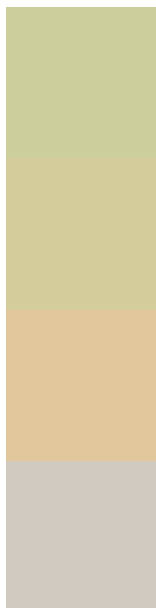
60.9466, 59.6760, 40.6541



Tritanopia

59.8405, 59.7502, 72.6690

Trichromacy



Original Color

53.1311, 59.8296, 39.7583

Protanomaly

54.5770, 59.5159, 39.1830

Deuteranomaly

57.8733, 59.4499, 40.3230

Tritanomaly

57.0407, 59.6466, 58.9587

Monochromacy



Original Color

53.1311, 59.8296, 39.7583

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0951, 58.5901, 53.8053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1311, 59.8296, 39.7583 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(204, 207, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 155)  
}
```

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(204, 207, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 155) }
```

Border

The CSS property to change the border of an element to XYZ 53.1311, 59.8296, 39.7583 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(204, 207, 155) }
```


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

```
.border{ border-color:rgb(204, 207, 155) }
```

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

Here you see how a box with a 4 pixel rgb(204, 207, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1311, 59.8296, 39.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 155) }
```

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

```
.background{ background-color: rgb(204,  
207, 155) }
```

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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