

Converting Colors

XYZ(53.4187, 60.2006, 41.4882)

Have a look what the booklet for
XYZ(53.4187, 60.2006, 41.4882)
contains.

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Color

**XYZ(53.4425, 60.3115,
41.6254)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD09F
RGB	203, 208, 159
RGB Percent	80%, 82%, 62%
CMY	0.2039, 0.1843, 0.3765
CMYK	0.02, 0.00, 0.24, 0.18
HSL	66°, 34%, 72%
HSV	66°, 24%, 82%
XYZ	53.4425, 60.3115, 41.6254
YIQ	200.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

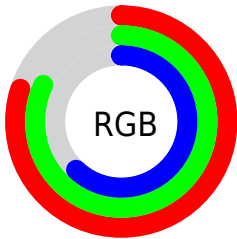
Format	Color
RYB	159, 208, 164
Decimal	13357215
CIELab	82.01, -9.76, 23.82
CIELCh	82, 25.745, 112.276
Yxy	60.3115, 0.3439, 0.3882
Android (android.graphics.Color)	4291547295 (0xFFCBD09F)
YUV	200.9190, -20.6661, 1.8250
Hunter-Lab	77.6605, -13.0700, 22.5834

Details

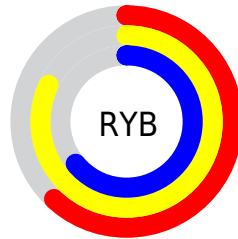
The XYZ color **53.4425, 60.3115, 41.6254** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0955, 37.2444, 64.8063**, and the grayscale version is **55.5870, 58.4818, 63.6867**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **26.4222, 30.4686, 18.3984** is the 20% darker color. If you saturate the color by 10%, you get **51.2133, 59.3555, 32.8787**, and if you desaturate by 10%, it is **55.9866, 61.3985, 51.9748**.

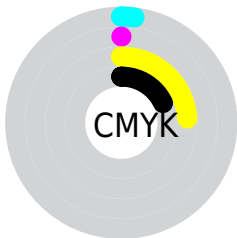
Distribution



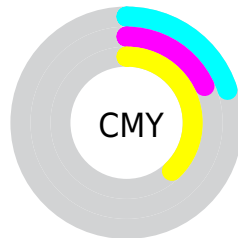
- Red (80%)
- Green (82%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4425, 60.3115, 41.6254 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 53.4425, 60.3115, 41.6254 by changing the saturation by 10% instead.

■ 53.4425, 60.3115,
41.6254

■ 53.4425, 60.3115,
41.6254

390.2136,
425.7450, 368.6815

■ 38.3850, 43.6698,
28.4847

■ 94.4169, 105.2814,
78.8963

■ 26.4602, 30.4110,
18.4491

■ 121.0645,
134.3784, 103.8636

■ 17.3027, 20.1507,
11.1002

152.3062,
168.3958, 133.6102

■ 10.5472, 12.5047,
6.0192

188.5074,
207.7183, 168.5547

■ 5.8283, 7.0884,
2.7878

230.0334,
252.7300, 209.1155

■ 2.7806, 3.5174,
0.9873

277.2495,

■ 1.0388, 1.4075,

303.8154, 255.7112

0.0000

330.5211,
361.3590, 308.7603

0.0000, 0.2222,
0.0000

0.0000, 0.0000,
0.0000

53.4425, 60.3115,
41.6254

53.4425, 60.3115,
41.6254

51.2133, 59.3555,
32.8787

55.9866, 61.3985,
51.9748

49.2790, 58.5163,
25.6509

58.8549, 62.6140,
63.9974

47.6247, 57.7900,
19.8563

62.0625, 63.9662,
77.7644

46.2322, 57.1694,
15.3991

65.6217, 65.4600,
93.3414

■ 45.0809, 56.6461,
12.1721

■ 68.2287, 66.5737,
103.8617

■ 44.1475, 56.2109,
10.0514

■ 68.8513, 66.8947,
103.8909

■ 43.4034, 55.8523,
8.8873

■ 69.4821, 67.2199,
103.9204

■ 42.9924, 55.6491,
8.4754

■ 70.1210, 67.5493,
103.9503

■ 70.7681, 67.8829,
103.9806

Harmonies

Analogous

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



58.7445, 60.3115, 40.1902



53.4425, 60.3115, 41.6254



49.4277, 60.3115, 48.9625

Triad

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



53.4425, 60.3115, 41.6254



51.1478, 60.3115, 92.3863



68.3496, 60.3115, 69.7863

Complementary

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



53.4425, 60.3115, 41.6254



39.0955, 37.2444, 64.8063

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.



66.0201, 60.3115, 85.7996



53.4425, 60.3115, 41.6254



55.9272, 60.3115, 100.1288

Square

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



53.4425, 60.3115, 41.6254



48.1625, 60.3115, 77.7167



61.3896, 60.3115, 97.5446



67.5799, 60.3115, 54.9355

Rectangle

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



53.4425, 60.3115, 41.6254



47.9095, 60.3115, 56.9485



61.3896, 60.3115, 97.5446



67.8981, 60.3115, 75.2371

Sweetspot

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



53.4441, 60.3142, 41.6267



91.6405, 98.5591, 94.4295



45.5300, 42.4298, 38.5918



19.5546, 21.0702, 19.9586



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.



53.4441, 60.3142, 41.6267



82.9777, 94.8670, 59.0656



47.3141, 57.1541, 41.3398



12.6795, 13.7337, 12.5946



26.8412, 34.7061, 5.2843



1.5359, 1.9586, 0.2971

Inverse Universe

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



39.0955, 37.2444, 64.8063



56.5663, 52.3974, 101.7401



44.6229, 40.0939, 65.0649



11.2741, 11.4746, 14.8643



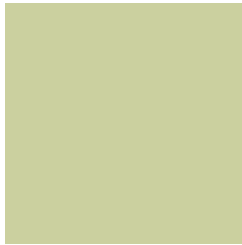
7.3304, 2.9593, 37.3773



0.4489, 0.1856, 2.0917

Previews

White Background



This preview shows how the XYZ color 53.4425, 60.3115, 41.6254 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 53.4425, 60.3115, 41.6254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

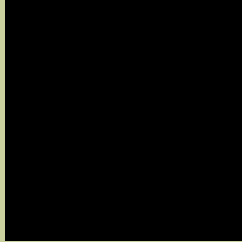
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4425, 60.3115, 41.6254

Background



This preview shows how black text looks on a background with the XYZ color 53.4425, 60.3115, 41.6254.



This preview shows how white text looks on a background with the XYZ color 53.4425, 60.3115,

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

53.4425, 60.3115, 41.6254

Protanopia

56.3552, 60.0516, 40.5192

Deuteranopia

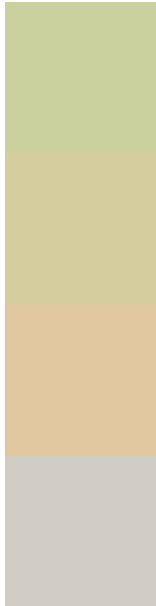
61.5214, 60.2656, 42.5723



Tritanopia

59.9129, 60.1153, 73.4114

Trichromacy



Original Color

53.4425, 60.3115, 41.6254

Protanomaly

55.4434, 60.2774, 41.0603

Deuteranomaly

58.1386, 59.8893, 42.2138

Tritanomaly

57.2187, 60.0619, 60.2071

Monochromacy



Original Color

53.4425, 60.3115, 41.6254

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8129, 59.2875, 55.0090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4425, 60.3115, 41.6254 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(203, 208, 159)` looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 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(203, 208, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 159) }
```

Border

The CSS property to change the border of an element to XYZ 53.4425, 60.3115, 41.6254 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(203, 208, 159) }
```


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

```
.border{ border-color:rgb(203, 208, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 159);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4425, 60.3115, 41.6254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 159) }
```

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

```
.background{ background-color: rgb(203,  
208, 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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