

Converting Colors

XYZ(53.5849, 64.1303, 39.4687)

Have a look what the booklet for
XYZ(53.5849, 64.1303, 39.4687)
contains.

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Color

**XYZ(53.5039, 64.1456,
39.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DA98
RGB	196, 218, 152
RGB Percent	77%, 85%, 60%
CMY	0.2314, 0.1451, 0.4039
CMYK	0.10, 0.00, 0.30, 0.15
HSL	80°, 47%, 73%
HSV	80°, 30%, 85%
XYZ	53.5039, 64.1456, 39.2671
YIQ	203.8980, 8.0740, -25.1900

Conversions

Conversions Part 2

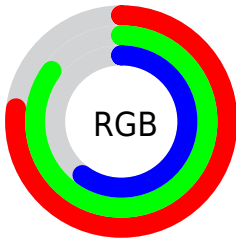
Format	Color
RYB	152, 218, 174
Decimal	12901016
CIELab	84.04, -18.37, 30.13
CIELCh	84, 35.285, 121.373
Yxy	64.1456, 0.3410, 0.4088
Android (android.graphics.Color)	4291091096 (0xFFC4DA98)
YUV	203.8980, -25.5857, -6.9265
Hunter-Lab	80.0909, -20.9141, 26.9949

Details

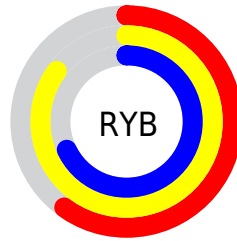
The XYZ color **53.5039, 64.1456, 39.2671** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.3412, 36.5188, 71.2032**, and the grayscale version is **57.4845, 60.4782, 65.8607**.

A 20% lighter version of the original color is **87.5305, 96.9076, 73.1232**, and **26.5528, 32.8653, 17.0007** is the 20% darker color. If you saturate the color by 10%, you get **50.0356, 62.5473, 30.6258**, and if you desaturate by 10%, it is **57.3953, 65.9281, 49.6439**.

Distribution



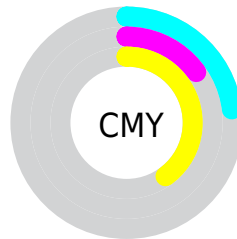
- Red (77%)
- Green (85%)
- Blue (60%)



- Red (60%)
- Yellow (85%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)





- Cyan (23%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5039, 64.1456, 39.2671 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 53.5039, 64.1456, 39.2671 by changing the saturation by 10% instead.


 53.5039, 64.1456,
39.2671


 53.5039, 64.1456,
39.2671


390.4447,
439.7152, 358.4846

 38.4343, 46.7686,
26.6582


 94.5066, 110.8206,
75.2710

 26.4987, 32.8528,
17.0865


 121.1704,
140.8874, 99.5031

 17.3317, 22.0137,
10.1336


152.4296,
175.9529, 128.4465

 10.5680, 13.8670,
5.3808

188.6496,
216.4016, 162.5200

 5.8423, 8.0282,
2.4098

230.1958,
262.6177, 202.1420

 2.7892, 4.1130,
0.7918

277.4335,

 1.0433, 1.7370,

314.9858, 247.7311

0.0000

330.7280,
373.8902, 299.7057

0.0000, 0.4474,
0.0000

0.0000, 0.0000,
0.0000

53.5039, 64.1456,
39.2671

53.5039, 64.1456,
39.2671

50.0356, 62.5473,
30.6258

57.3953, 65.9281,
49.6439

46.9661, 61.1168,
23.6209


61.7228, 67.8935,
61.8396


44.2762, 59.8484,
18.1498


66.5048, 70.0516,
75.9373


41.9424, 58.7326,
14.0966


71.7569, 72.4088,
92.0138


 39.9382, 57.7586,
11.3290

 76.5122, 74.5784,
104.9702


 38.2325, 56.9137,
9.6896

 78.9252, 75.8224,
105.0831

 36.8072, 56.1948,
8.9067

 81.4370, 77.1172,
105.2007

 84.0488, 78.4636,
105.3229

 84.3628, 78.6255,
105.3376

Harmonies

Analogous

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



60.6105, 64.1456, 35.1588



53.5039, 64.1456, 39.2671



48.7524, 64.1456, 51.2548

Triad

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



53.5039, 64.1456, 39.2671



54.0754, 64.1456, 114.6273



77.1881, 64.1456, 68.8214

Complementary

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



53.5039, 64.1456, 39.2671



41.3412, 36.5188, 71.2032

Split Complementary

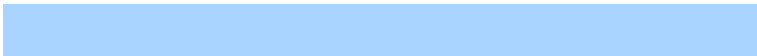
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0717, 64.1456, 92.4578



53.5039, 64.1456, 39.2671



61.3279, 64.1456, 122.0552

Square

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



53.5039, 64.1456, 39.2671



49.0621, 64.1456, 94.6197



69.0969, 64.1456, 113.2039



74.6603, 64.1456, 49.8208

Rectangle

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



53.5039, 64.1456, 39.2671



47.3360, 64.1456, 63.6096



69.0969, 64.1456, 113.2039



76.9951, 64.1456, 76.4722

Sweetspot

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



53.5055, 64.1484, 39.2685



88.8135, 97.1867, 90.4591



49.7193, 47.4466, 36.2442



18.8048, 20.7092, 18.7695



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.



53.5055, 64.1484, 39.2685



73.2519, 90.0820, 48.2711



45.8452, 60.1994, 38.9100



13.7185, 15.0351, 13.9046



22.1686, 33.7258, 5.3413



1.5261, 2.2313, 0.3502

Inverse Universe

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



41.3412, 36.5188, 71.2032



53.3808, 44.9290, 100.4664



49.6176, 40.7854, 71.5905



12.7457, 12.8270, 16.4562



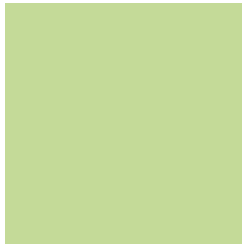
9.3155, 3.9265, 40.0053



0.6931, 0.3006, 2.5959

Previews

White Background



This preview shows how the XYZ color 53.5039, 64.1456, 39.2671 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 53.5039, 64.1456, 39.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

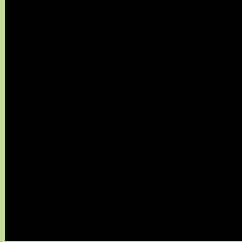
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

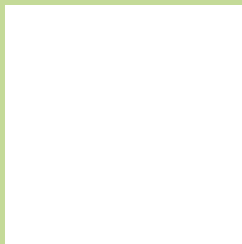
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5039, 64.1456, 39.2671

Background



This preview shows how black text looks on a background with the XYZ color 53.5039, 64.1456, 39.2671.



This preview shows how white text looks on a background with the XYZ color 53.5039, 64.1456,

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

53.5039, 64.1456, 39.2671

Protanopia

59.5098, 63.9078, 37.2159

Deuteranopia

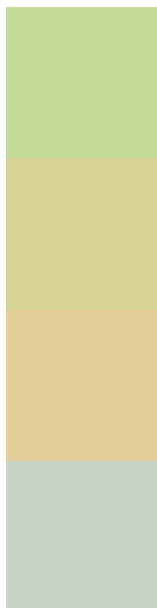
65.2452, 63.9477, 40.3568



Tritanopia

61.8447, 64.1590, 80.3585

Trichromacy



Original Color

53.5039, 64.1456, 39.2671

Protanomaly

56.9926, 63.7040, 37.7260

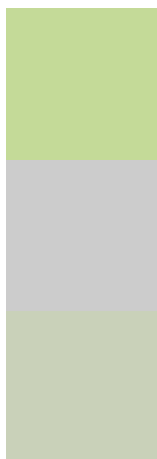
Deuteranomaly

60.2241, 63.4862, 40.0903

Tritanomaly

58.0936, 63.7207, 62.6636

Monochromacy



Original Color

53.5039, 64.1456, 39.2671

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6448, 61.5212, 54.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5039, 64.1456, 39.2671 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(196, 218, 152)` looks like.

```
.text, #text, p{  
    color:rgb(196, 218, 152)  
}
```

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(196, 218, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 218, 152) }
```

Border

The CSS property to change the border of an element to XYZ 53.5039, 64.1456, 39.2671 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(196, 218, 152) }
```


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

```
.border{ border-color:rgb(196, 218, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 218, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 218, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 218, 152);  
box-shadow:4px 4px 4px 4px rgb(196, 218,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5039, 64.1456, 39.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 218, 152) }
```

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

```
.background{ background-color: rgb(196,  
218, 152) }
```

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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