

Converting Colors

XYZ(51.3099, 52.0464, 35.8060)

Have a look what the booklet for
XYZ(51.3099, 52.0464, 35.8060)
contains.

XYZ(51.5140, 52.3095, 35.8154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5140, 52.3095,
35.8154)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BB95
RGB	216, 187, 149
RGB Percent	85%, 73%, 58%
CMY	0.1529, 0.2666, 0.4157
CMYK	0.00, 0.13, 0.31, 0.15
HSL	34°, 46%, 72%
HSV	34°, 31%, 85%
XYZ	51.5140, 52.3095, 35.8154
YIQ	191.3390, 29.4820, -5.6700

Conversions

Conversions Part 2

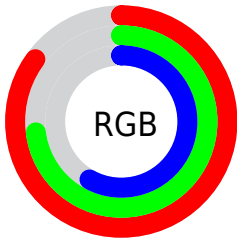
Format	Color
R _Y B	200, 216, 149
Decimal	14203797
CIE Lab	77.47, 4.79, 23.09
CIE LCh	77, 23.580, 78.274
Yxy	52.3095, 0.3689, 0.3746
Android (android.graphics.Color)	4292393877 (0xFFD8BB95)
YUV	191.3390, -20.8731, 21.6277
Hunter-Lab	72.3253, 0.5681, 21.2674

Details

The XYZ color **51.5140, 52.3095, 35.8154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7090, 43.1868, 71.1561**, and the grayscale version is **49.8246, 52.4194, 57.0847**.

A 20% lighter version of the original color is **84.0701, 89.6730, 69.3776**, and **25.2269, 25.4056, 15.1294** is the 20% darker color. If you saturate the color by 10%, you get **48.0283, 47.8465, 26.9201**, and if you desaturate by 10%, it is **55.4514, 57.1634, 46.4403**.

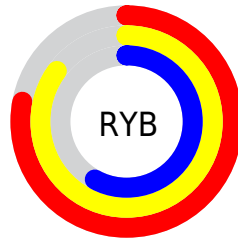
Distribution



Red (85%)

Green (73%)

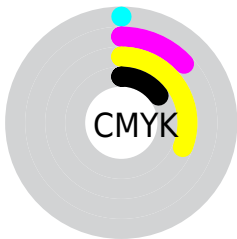
Blue (58%)



Red (78%)

Yellow (85%)

Blue (58%)

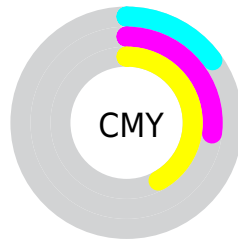


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (27%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5140, 52.3095, 35.8154 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 51.5140, 52.3095, 35.8154 by changing the saturation by 10% instead.


 51.5140, 52.3095,
35.8154


 51.5140, 52.3095,
35.8154


382.9123,
395.6303, 343.1659

 36.8405, 37.2518,
24.0031


 91.5926, 93.5875,
69.9129

 25.2572, 25.4025,
15.1237


 117.7284,
120.5767, 93.0351

 16.3985, 16.3772,
8.7587


148.4157,
152.3118, 120.7645

 9.8992, 9.7915,
4.4894

184.0199,
189.1772, 153.5194

 5.3939, 5.2609,
1.8975

224.9063,
231.5574, 191.7185

 2.5173, 2.4012,
0.4911

271.4403,

 0.9040, 0.8265,

279.8367, 235.7802

0.0000

323.9872,
334.3995, 286.1232

■ 0.0000, 0.0000,
0.0000

■ 51.5140, 52.3095,
35.8154

■ 51.5140, 52.3095,
35.8154

■ 48.0283, 47.8465,
26.9201

■ 55.4514, 57.1634,
46.4403

■ 44.9701, 43.7553,
19.6571

■ 59.8551, 62.4124,
58.8784

■ 42.3187, 40.0256,
13.9242

■ 64.7440, 68.0695,
73.2119

■ 40.0500, 36.6433,
9.6065

■ 70.1347, 74.1449,
89.5167

■ 38.1363, 33.5934,
6.5721

■ 75.7189, 80.5189,
106.1586

■ 36.5454, 30.8583,
4.6643

■ 78.4469, 85.9750,
107.0680

■ 35.3428, 28.6468,
3.6666

■ 81.3175, 91.7160,
108.0248

■ 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



55.7584, 52.3095, 40.2596



51.5140, 52.3095, 35.8154



47.0311, 52.3095, 36.3607

Triad

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



51.5140, 52.3095, 35.8154



41.8810, 52.3095, 65.1613



56.5230, 52.3095, 75.2701

Complementary

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



51.5140, 52.3095, 35.8154



40.7090, 43.1868, 71.1561

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.



52.5066, 52.3095, 84.1492



51.5140, 52.3095, 35.8154



44.1316, 52.3095, 77.7285

Square

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



51.5140, 52.3095, 35.8154



41.6512, 52.3095, 52.0246



47.9654, 52.3095, 85.1117



58.7658, 52.3095, 62.1899

Rectangle

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



51.5140, 52.3095, 35.8154



44.5046, 52.3095, 39.4963



47.9654, 52.3095, 85.1117



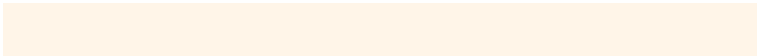
55.3247, 52.3095, 78.9255

Sweetspot

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



51.5153, 52.3119, 35.8165



88.4856, 92.4351, 89.5592



47.1059, 39.3100, 47.2423



18.7243, 19.5331, 18.5467



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.



51.5153, 52.3119, 35.8165



71.7315, 71.9995, 43.6732



56.9979, 65.2095, 38.0170



13.0020, 13.5782, 13.0963



21.0285, 17.1743, 2.2066



1.3499, 1.1990, 0.1603

Inverse Universe

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



40.7090, 43.1868, 71.1561



53.6765, 56.7588, 102.7342



36.3678, 33.2712, 69.4710



12.1802, 12.8838, 15.7824



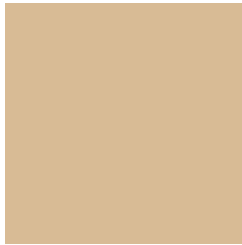
9.7810, 7.8238, 39.4478



0.6713, 0.6347, 2.4064

Previews

White Background



This preview shows how the XYZ color 51.5140, 52.3095, 35.8154 looks on a white background.

Color Contrast Check

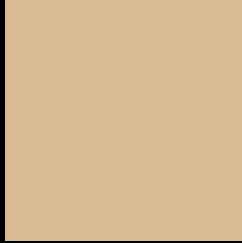
Large Text (above 18pt) WCAG AA × Fail

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 51.5140, 52.3095, 35.8154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

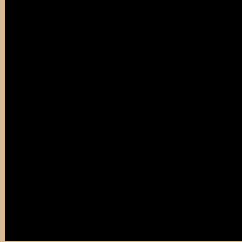
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5140, 52.3095, 35.8154

Background



This preview shows how black text looks on a background with the XYZ color 51.5140, 52.3095, 35.8154.



This preview shows how white text looks on a background with the XYZ color 51.5140, 52.3095,

35.8154.

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

51.5140, 52.3095, 35.8154

Protanopia

49.1186, 52.3333, 36.7907

Deuteranopia

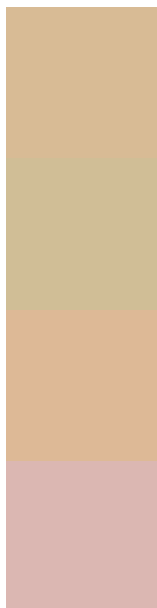
53.3860, 52.3303, 36.1412



Tritanopia

56.1930, 52.3600, 58.7746

Trichromacy



Original Color

51.5140, 52.3095, 35.8154

Protanomaly

49.9309, 52.4388, 36.3442

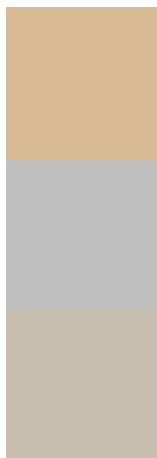
Deuteranomaly

52.6728, 52.2721, 36.1675

Tritanomaly

54.1828, 52.1414, 49.3280

Monochromacy



Original Color

51.5140, 52.3095, 35.8154

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0693, 52.2409, 48.5189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5140, 52.3095, 35.8154 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(216, 187, 149)` looks like.

```
.text, #text, p{  
    color:rgb(216, 187, 149)  
}
```

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(216, 187, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 187, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.5140, 52.3095, 35.8154 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(216, 187, 149) }
```


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

```
.border{ border-color:rgb(216, 187, 149) }
```

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

Here you see how a box with a 4 pixel rgb(216, 187, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 187, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 187, 149);  
box-shadow:4px 4px 4px 4px rgb(216, 187,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5140, 52.3095, 35.8154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 187, 149) }
```

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

```
.background{ background-color: rgb(216,  
187, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor