

Converting Colors

XYZ(50.0607, 51.3721, 33.7152)

Have a look what the booklet for
XYZ(50.0607, 51.3721, 33.7152)
contains.

XYZ(50.0335, 51.2776, 33.6461)	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(50.0335, 51.2776,
33.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BA90
RGB	213, 186, 144
RGB Percent	84%, 73%, 56%
CMY	0.1647, 0.2706, 0.4353
CMYK	0.00, 0.13, 0.32, 0.16
HSL	37°, 45%, 70%
HSV	37°, 32%, 84%
XYZ	50.0335, 51.2776, 33.6461
YIQ	189.2850, 29.5740, -7.3380

Conversions

Conversions Part 2

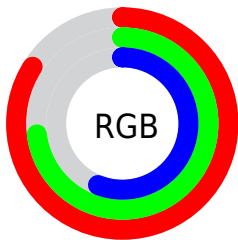
Format	Color
R_{YB}	188, 213, 144
Decimal	14006928
CIE _{Lab}	76.85, 3.52, 24.87
CIE _{LCh}	77, 25.114, 81.953
Yxy	51.2776, 0.3707, 0.3800
Android (android.graphics.Color)	4292197008 (0xFFD5BA90)
YUV	189.2850, -22.3255, 20.7981
Hunter-Lab	71.6084, -0.5949, 22.2677

Details

The XYZ color **50.0335, 51.2776, 33.6461** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0743, 39.8579, 68.6374**, and the grayscale version is **48.6461, 51.1795, 55.7344**.

A 20% lighter version of the original color is **83.1852, 88.8415, 66.1899**, and **24.2679, 24.7335, 13.8509** is the 20% darker color. If you saturate the color by 10%, you get **46.8523, 47.2793, 25.2976**, and if you desaturate by 10%, it is **53.6269, 55.6083, 43.6485**.

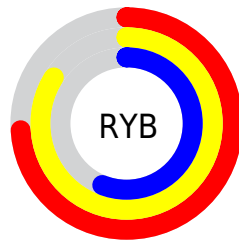
Distribution



Red (84%)

Green (73%)

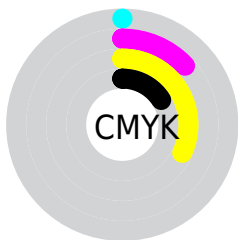
Blue (56%)



Red (74%)

Yellow (84%)

Blue (56%)

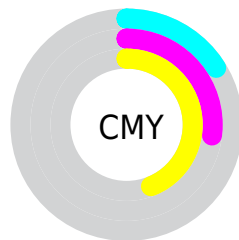


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (16%)



Cyan (16%)


Magenta (27%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0335, 51.2776, 33.6461 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 50.0335, 51.2776, 33.6461 by changing the saturation by 10% instead.


 50.0335, 51.2776,
33.6461


 50.0335, 51.2776,
33.6461


377.2468,
391.6414, 333.2720

 35.6579, 36.4296,
22.3467

 89.4160, 92.0650,
66.5105

 24.3390, 24.7662,
13.9111


 115.1537,
118.7731, 88.9127

 15.7114, 15.9029,
7.9208


145.4094,
150.2035, 115.8528

 9.4097, 9.4555,
3.9573

180.5486,
186.7403, 147.7494

 5.0686, 5.0394,
1.6019

220.9366,
228.7682, 185.0211

 2.3227, 2.2704,
0.2922

266.9387,

 0.8063, 0.7580,

276.6714, 228.0864

0.0000

318.9203,
330.8343, 277.3638

■ 0.0000, 0.0000,
0.0000

■ 50.0335, 51.2776,
33.6461

■ 50.0335, 51.2776,
33.6461

■ 46.8523, 47.2793,
25.2976

■ 53.6269, 55.6083,
43.6485

■ 44.0604, 43.5959,
18.5080

■ 57.6462, 60.2741,
55.3863

■ 41.6382, 40.2186,
13.1775


■ 62.1092, 65.2865,
68.9392


■ 39.5626, 37.1353,
9.1934


■ 67.0316, 70.6544,
84.3812


■ 37.8072, 34.3323,
6.4260


■ 72.4279, 76.3862,
101.7821


 36.3406, 31.7942,
4.7197

 75.4875, 81.3600,
106.3332

 35.3790, 30.0230,
3.9304

 77.9431, 86.2713,
107.1517

 80.5123, 91.4095,
108.0081

 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



54.6142, 51.2776, 37.5901



50.0335, 51.2776, 33.6461



45.3874, 51.2776, 34.8347

Triad

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



50.0335, 51.2776, 33.6461



40.7134, 51.2776, 66.2440



56.3265, 51.2776, 73.6439

Complementary

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



50.0335, 51.2776, 33.6461



38.0743, 39.8579, 68.6374

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.



52.2492, 51.2776, 83.9232



50.0335, 51.2776, 33.6461



43.2989, 51.2776, 79.1885

Square

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



50.0335, 51.2776, 33.6461



40.2056, 51.2776, 52.2345



47.4647, 51.2776, 86.1026



58.3991, 51.2776, 59.5923

Rectangle

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



50.0335, 51.2776, 33.6461



42.8576, 51.2776, 38.4816



47.4647, 51.2776, 86.1026



55.1328, 51.2776, 77.7438

Sweetspot

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



50.0348, 51.2800, 33.6472



88.1123, 92.2642, 87.6601



44.8222, 37.0564, 43.6193



18.6629, 19.5249, 18.1727



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.



50.0348, 51.2800, 33.6472



71.7821, 72.8039, 41.5223



54.3098, 62.7383, 35.6335



13.0461, 13.6663, 13.1110



21.7130, 18.5433, 2.4348



1.3891, 1.2774, 0.1733

Inverse Universe

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



38.0743, 39.8579, 68.6374



51.0673, 53.0309, 102.1522



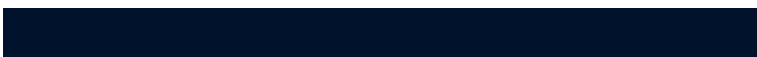
34.7280, 31.3210, 67.1660



12.1371, 12.7977, 15.7680



9.3342, 6.9301, 39.2988



0.6423, 0.5767, 2.3968

Previews

White Background



This preview shows how the XYZ color 50.0335, 51.2776, 33.6461 looks on a white background.

Color Contrast Check

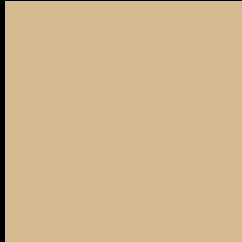
Large Text (above 18pt) WCAG AA × Fail

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 50.0335, 51.2776, 33.6461 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 50.0335, 51.2776, 33.6461

Background



This preview shows how black text looks on a background with the XYZ color 50.0335, 51.2776, 33.6461.



This preview shows how white text looks on a background with the XYZ color 50.0335, 51.2776,

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

50.0335, 51.2776, 33.6461

Protanopia

48.2304, 51.5987, 34.6117

Deuteranopia

52.2702, 51.1882, 33.9134



Tritanopia

54.9592, 51.1505, 57.4285

Trichromacy



Original Color

50.0335, 51.2776, 33.6461

Protanomaly

49.0406, 51.7049, 34.1834

Deuteranomaly

51.2577, 50.9714, 33.9249

Tritanomaly

53.0811, 51.3028, 47.6622

Monochromacy



Original Color

50.0335, 51.2776, 33.6461

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8147, 50.9893, 46.8043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0335, 51.2776, 33.6461 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(213, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 144)  
}
```

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(213, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.0335, 51.2776, 33.6461 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(213, 186, 144) }
```


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

```
.border{ border-color:rgb(213, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 186, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 186, 144); box-shadow:4px 4px 4px 4px rgb(213, 186, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0335, 51.2776, 33.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 144) }
```

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

```
.background{ background-color: rgb(213,  
186, 144) }
```

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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