

Converting Colors

XYZ(50.2908, 50.8606, 37.3046)

Have a look what the booklet for
XYZ(50.2908, 50.8606, 37.3046)
contains.

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Color

**XYZ(50.5393, 51.1440,
37.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B999
RGB	213, 185, 153
RGB Percent	84%, 73%, 60%
CMY	0.1647, 0.2745, 0.4000
CMYK	0.00, 0.13, 0.28, 0.16
HSL	32°, 42%, 72%
HSV	32°, 28%, 84%
XYZ	50.5393, 51.1440, 37.3451
YIQ	189.7240, 26.9600, -4.0160

Conversions

Conversions Part 2

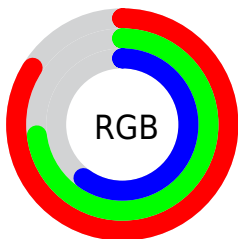
Format	Color
R_{YB}	206, 213, 153
Decimal	14006681
CIE _{Lab}	76.77, 5.22, 19.94
CIE _{LCh}	77, 20.615, 75.335
Yxy	51.1440, 0.3635, 0.3679
Android (android.graphics.Color)	4292196761 (0xFFD5B999)
YUV	189.7240, -18.1049, 20.4131
Hunter-Lab	71.5150, 0.9937, 19.0993

Details

The XYZ color **50.5393, 51.1440, 37.3451** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6706, 44.6228, 69.3677**, and the grayscale version is **48.8759, 51.4212, 55.9977**.

A 20% lighter version of the original color is **83.9578, 88.6756, 71.7225**, and **24.7501, 24.7309, 16.0395** is the 20% darker color. If you saturate the color by 10%, you get **46.9281, 46.4900, 28.2230**, and if you desaturate by 10%, it is **54.6126, 56.2190, 48.1717**.

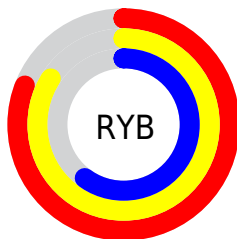
Distribution



Red (84%)

Green (73%)

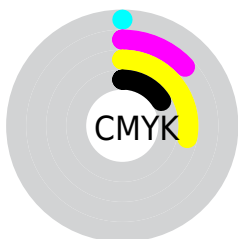
Blue (60%)



Red (81%)

Yellow (84%)

Blue (60%)

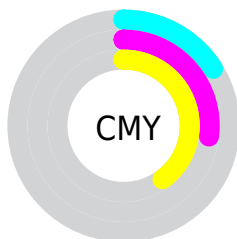


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (16%)



Cyan (16%)


Magenta (27%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5393, 51.1440, 37.3451 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 50.5393, 51.1440, 37.3451 by changing the saturation by 10% instead.


 50.5393, 51.1440,
37.3451


 50.5393, 51.1440,
37.3451


379.1884,
391.1230, 350.0158

 36.0616, 36.3232,
25.1769


 90.1605, 91.8676,
72.2955

 24.6521, 24.6839,
15.9887


 116.0347,
118.5392, 95.9148

 15.9454, 15.8417,
9.3619


146.4385,
149.9299, 124.1882

 9.5761, 9.4122,
4.8779

181.7372,
186.4240, 157.5342

 5.1789, 5.0110,
2.1183

222.2962,
228.4060, 196.3715

 2.3885, 2.2537,
0.6267

268.4808,

 0.8394, 0.7491,

276.2602, 241.1184

0.0000

320.6565,
330.3711, 292.1937

■ 0.0000, 0.0000,
0.0000

■ 50.5393, 51.1440,
37.3451

■ 50.5393, 51.1440,
37.3451

■ 46.9281, 46.4900,
28.2230

■ 54.6126, 56.2190,
48.1717

■ 43.7554, 42.2375,
20.7132

■ 59.1623, 61.7199,
60.7821

■ 41.0011, 38.3753,
14.7198

■ 64.2070, 67.6603,
75.2543

■ 38.6419, 34.8890,
10.1348

■ 69.7630, 74.0512,
91.6608

■ 36.6515, 31.7630,
6.8360

■ 75.1123, 80.6096,
106.2081

■ 34.9995, 28.9797,
4.6801

■ 78.0329, 86.4507,
107.1816

■ 33.6427, 26.5161,
3.4570

■ 81.1149, 92.6146,
108.2089

■ 33.4148, 26.0945,
3.2756

■ 81.2506, 92.8862,
108.2542

Harmonies

Analogous

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



54.0901, 51.1440, 41.7332



50.5393, 51.1440, 37.3451



46.6494, 51.1440, 37.3950

Triad

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



50.5393, 51.1440, 37.3451



41.7143, 51.1440, 61.5781



54.1569, 51.1440, 72.2370

Complementary

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



50.5393, 51.1440, 37.3451



41.6706, 44.6228, 69.3677

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.



50.6265, 51.1440, 79.1419



50.5393, 51.1440, 37.3451



43.5147, 51.1440, 72.4490

Square

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



50.5393, 51.1440, 37.3451



41.6938, 51.1440, 50.4116



46.7321, 51.1440, 79.2243



56.2535, 51.1440, 61.3185

Rectangle

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



50.5393, 51.1440, 37.3451



44.3907, 51.1440, 39.9031



46.7321, 51.1440, 79.2243



53.0903, 51.1440, 75.1654

Sweetspot

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



50.5406, 51.1463, 37.3462



88.9759, 92.8317, 91.5234



47.1727, 40.2654, 49.0023



18.8117, 19.5916, 18.9344



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.



50.5406, 51.1463, 37.3462



72.5210, 72.4687, 47.3581



56.4082, 63.7374, 39.4672



12.9662, 13.5067, 13.0844



20.5144, 16.1461, 2.0353



1.3199, 1.1389, 0.1503

Inverse Universe

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



41.6706, 44.6228, 69.3677



57.0024, 61.0578, 103.3887



36.9196, 34.5558, 67.6750



12.2155, 12.9544, 15.7941



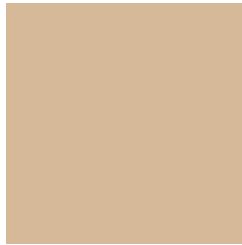
10.1844, 8.6305, 39.5822



0.6967, 0.6853, 2.4149

Previews

White Background



This preview shows how the XYZ color 50.5393, 51.1440, 37.3451 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 50.5393, 51.1440, 37.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

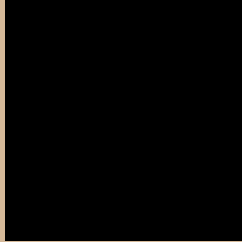
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5393, 51.1440, 37.3451

Background



This preview shows how black text looks on a background with the XYZ color 50.5393, 51.1440, 37.3451.



This preview shows how white text looks on a background with the XYZ color 50.5393, 51.1440,

37.3451.

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

50.5393, 51.1440, 37.3451

Protanopia

48.2014, 51.1793, 38.3484

Deuteranopia

52.0759, 51.0046, 37.6720



Tritanopia

54.6592, 50.9959, 57.4144

Trichromacy



Original Color

50.5393, 51.1440, 37.3451

Protanomaly

48.9928, 51.2787, 37.8874

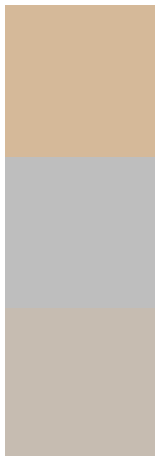
Deuteranomaly

51.3815, 50.9518, 37.6984

Tritanomaly

52.8787, 50.8610, 49.1496

Monochromacy



Original Color

50.5393, 51.1440, 37.3451

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.2077, 51.1465, 48.8737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5393, 51.1440, 37.3451 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, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 153)  
}
```

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, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 153) }
```

Border

The CSS property to change the border of an element to XYZ 50.5393, 51.1440, 37.3451 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, 185, 153) }
```


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

```
.border{ border-color:rgb(213, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5393, 51.1440, 37.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 153) }
```

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

```
.background{ background-color: rgb(213,  
185, 153) }
```

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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