

Converting Colors

XYZ(50.4928, 51.0940, 41.3843)

Have a look what the booklet for
XYZ(50.4928, 51.0940, 41.3843)
contains.

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Color

**XYZ(50.4489, 51.0082,
41.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B9A2
RGB	210, 185, 162
RGB Percent	82%, 73%, 64%
CMY	0.1765, 0.2745, 0.3647
CMYK	0.00, 0.12, 0.23, 0.18
HSL	29°, 35%, 73%
HSV	29°, 23%, 82%
XYZ	50.4489, 51.0082, 41.3690
YIQ	189.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

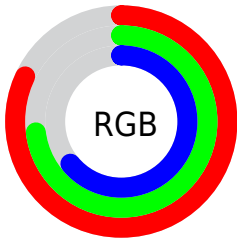
Format	Color
R _Y B	210, 206, 162
Decimal	13810082
CIE Lab	76.68, 5.33, 14.94
CIE LCh	77, 15.867, 70.365
Yxy	51.0082, 0.3532, 0.3571
Android (android.graphics.Color)	4292000162 (0xFFD2B9A2)
YUV	189.8530, -13.7315, 17.6689
Hunter-Lab	71.4200, 1.1018, 15.6512

Details

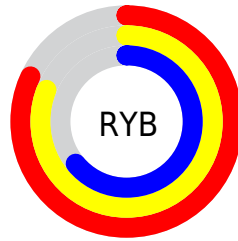
The XYZ color **50.4489, 51.0082, 41.3690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3031, 47.8739, 67.8787**, and the grayscale version is **48.9276, 51.4757, 56.0570**.

A 20% lighter version of the original color is **85.2197, 89.1803, 78.3676**, and **24.5833, 24.5969, 18.2038** is the 20% darker color. If you saturate the color by 10%, you get **46.5358, 45.9238, 31.6113**, and if you desaturate by 10%, it is **54.8525, 56.5739, 52.8293**.

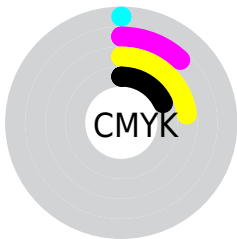
Distribution



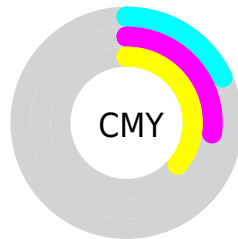
- Red (82%)
- Green (73%)
- Blue (64%)



- Red (82%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4489, 51.0082, 41.3690 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 50.4489, 51.0082, 41.3690 by changing the saturation by 10% instead.


 50.4489, 51.0082,
41.3690


 50.4489, 51.0082,
41.3690


378.8419,
390.5956, 367.5827

 35.9895, 36.2151,
28.2857


 90.0275, 91.6669,
78.5035

 24.5961, 24.6004,
18.3002


 115.8773,
118.3013, 103.3917

 15.9035, 15.7796,
10.9941


146.2547,
149.6516, 133.0519

 9.5463, 9.3683,
5.9487

181.5250,
186.1023, 167.9028

 5.1592, 4.9822,
2.7456

222.0535,
228.0376, 208.3627

 2.3767, 2.2368,
0.9663

268.2055,

 0.8335, 0.7400,

275.8420, 254.8503

0.0000

320.3465,
329.8999, 307.7841

0.0000, 0.0000,
0.0000

50.4489, 51.0082,
41.3690

50.4489, 51.0082,
41.3690

46.5358, 45.9238,
31.6113

54.8525, 56.5739,
52.8293

43.0897, 41.2998,
23.4703

59.7607, 62.6273,
66.0662

40.0911, 37.1235,
16.8572

65.1920, 69.1835,
81.1530

37.5173, 33.3791,
11.6734

71.1629, 76.2548,
98.1580

35.3432, 30.0495,
7.8084

75.6955, 83.0557,
106.6495

■ 33.5404, 27.1161,
5.1353

■ 79.0068, 89.6784,
107.7533

■ 32.0755, 24.5577,
3.5015

■ 80.3885, 92.4417,
108.2139

■ 31.1977, 22.9401,
2.7836

Harmonies

Analogous

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



53.0178, 51.0082, 45.4987



50.4489, 51.0082, 41.3690



47.4498, 51.0082, 40.8030

Triad

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



50.4489, 51.0082, 41.3690



43.0184, 51.0082, 58.5694



52.3201, 51.0082, 69.1224

Complementary

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



50.4489, 51.0082, 41.3690



44.3031, 47.8739, 67.8787

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.



49.5286, 51.0082, 73.4546



50.4489, 51.0082, 41.3690



44.2122, 51.0082, 66.9579

Square

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



50.4489, 51.0082, 41.3690



43.2419, 51.0082, 50.1635



46.5664, 51.0082, 72.6240



54.1286, 51.0082, 61.2860

Rectangle

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



50.4489, 51.0082, 41.3690



45.6198, 51.0082, 42.4527



46.5664, 51.0082, 72.6240



51.4610, 51.0082, 71.0717

Sweetspot

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



50.4503, 51.0105, 41.3701



89.4140, 93.1152, 93.4961



48.5332, 43.1565, 53.1238



19.0383, 19.8073, 19.7420



0.0000, 0.0000, 0.0000



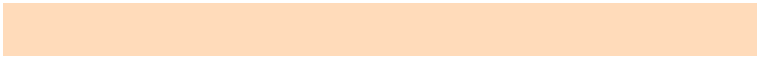
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.4503, 51.0105, 41.3701



75.4887, 75.5512, 57.1422



55.7539, 61.6177, 43.1379



12.2695, 12.7296, 12.4224



19.1295, 14.1921, 1.7311



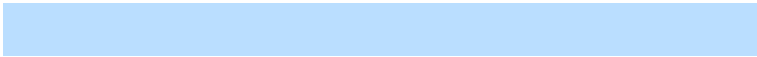
1.1488, 0.9520, 0.1232

Inverse Universe

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



44.3031, 47.8739, 67.8787



64.4583, 69.9222, 104.7068



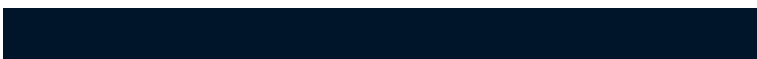
39.7377, 38.7432, 66.3569



11.6657, 12.4216, 15.0264



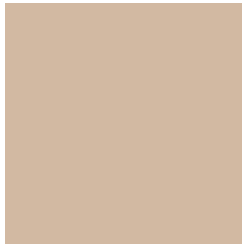
10.5562, 9.7590, 38.5198



0.6695, 0.7041, 2.1802

Previews

White Background



This preview shows how the XYZ color 50.4489, 51.0082, 41.3690 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 50.4489, 51.0082, 41.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

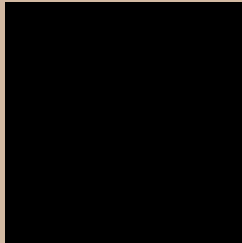
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4489, 51.0082, 41.3690

Background



This preview shows how black text looks on a background with the XYZ color 50.4489, 51.0082, 41.3690.



This preview shows how white text looks on a background with the XYZ color 50.4489, 51.0082,

41.3690.

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

50.4489, 51.0082, 41.3690

Protanopia

48.4516, 51.2176, 42.4543

Deuteranopia

51.9541, 50.8520, 41.7275



Tritanopia

53.7904, 50.8337, 58.0158

Trichromacy



Original Color

50.4489, 51.0082, 41.3690

Protanomaly

49.2227, 51.3073, 41.9593

Deuteranomaly

51.2759, 50.8075, 41.7546

Tritanomaly

52.6120, 50.9794, 51.3230

Monochromacy



Original Color

50.4489, 51.0082, 41.3690

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.2474, 51.1320, 50.4539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4489, 51.0082, 41.3690 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(210, 185, 162) looks like.

```
.text, #text, p{  
    color:rgb(210, 185, 162)  
}
```

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(210, 185, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 185, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.4489, 51.0082, 41.3690 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(210, 185, 162) }
```


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

```
.border{ border-color:rgb(210, 185, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 185, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 185, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 185, 162);  
box-shadow:4px 4px 4px 4px rgb(210, 185,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4489, 51.0082, 41.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 185, 162) }
```

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

```
.background{ background-color: rgb(210,  
185, 162) }
```

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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