

Converting Colors

XYZ(45.5632, 48.6436, 34.1818)

Have a look what the booklet for
XYZ(45.5632, 48.6436, 34.1818)
contains.

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Color

**XYZ(45.5632, 48.6436,
34.1818)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B992
RGB	197, 185, 146
RGB Percent	77%, 73%, 57%
CMY	0.2275, 0.2745, 0.4274
CMYK	0.00, 0.06, 0.26, 0.23
HSL	46°, 31%, 67%
HSV	46°, 26%, 77%
XYZ	45.5632, 48.6436, 34.1818
YIQ	184.1420, 19.6710, -9.5850

Conversions

Conversions Part 2

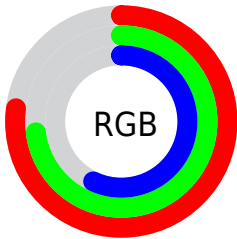
Format	Color
R_{YB}	162, 197, 146
Decimal	12958098
CIE _{Lab}	75.23, -1.91, 21.36
CIE _{LCh}	75, 21.449, 95.114
Yxy	48.6436, 0.3549, 0.3789
Android (android.graphics.Color)	4291148178 (0xFFC5B992)
YUV	184.1420, -18.8040, 11.2765
Hunter-Lab	69.7450, -5.4427, 19.7636

Details

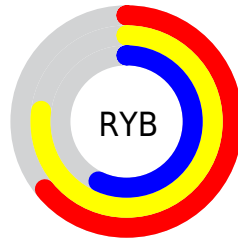
The XYZ color **45.5632, 48.6436, 34.1818** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1586, 34.5949, 57.7005**, and the grayscale version is **45.7325, 48.1142, 52.3964**.

A 20% lighter version of the original color is **82.7537, 88.1516, 67.2969**, and **21.6445, 23.1684, 14.1576** is the 20% darker color. If you saturate the color by 10%, you get **43.2078, 46.1773, 26.4766**, and if you desaturate by 10%, it is **48.2169, 51.2831, 43.2903**.

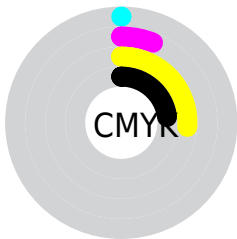
Distribution



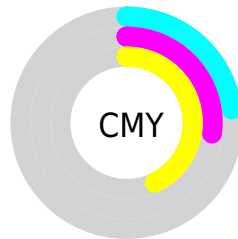
- Red (77%)
- Green (73%)
- Blue (57%)



- Red (64%)
- Yellow (77%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5632, 48.6436, 34.1818 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 45.5632, 48.6436, 34.1818 by changing the saturation by 10% instead.


 45.5632, 48.6436,
34.1818


 45.5632, 48.6436,
34.1818


359.7952,
381.3376, 335.7358

 32.1044, 34.3368,
22.7548


 82.7968, 88.1619,
67.3534

 21.5972, 23.1525,
14.2090


 107.3023,
114.1422, 89.9351

 13.6762, 14.7061,
8.1257


136.2208,
144.7825, 117.0721

 7.9760, 8.6134,
4.0866

169.9176,
180.4672, 149.1830

 4.1313, 4.4899,
1.6730

208.7581,
221.5807, 186.6862

 1.7767, 1.9512,
0.3421

253.1076,

 0.5035, 0.5789,

268.5073, 230.0004

0.0000

303.3316,
321.6314, 279.5441

■ 0.0000, 0.0000,
0.0000

■ 45.5632, 48.6436,
34.1818

■ 45.5632, 48.6436,
34.1818

■ 43.2078, 46.1773,
26.4766

■ 48.2169, 51.2831,
43.2903

■ 41.1330, 43.8716,
20.1004

■ 51.1778, 54.0949,
53.8655

■ 39.3250, 41.7223,
14.9763

■ 54.4594, 57.0864,
65.9704

■ 37.7672, 39.7221,
11.0185

■ 58.0730, 60.2627,
79.6634

■ 36.4410, 37.8632,
8.1303

■ 62.0294, 63.6284,
95.0000

■ 35.3248, 36.1364,
6.1994

■ 64.8215, 66.5813,
104.0428

■ 34.3915, 34.5303,
5.0850

■ 66.0023, 68.9429,
104.4364

■ 34.0388, 33.8960,
4.7485

■ 67.2166, 71.3716,
104.8412

■ 68.4648, 73.8680,
105.2572

Harmonies

Analogous

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



49.4917, 48.6436, 35.6402



45.5632, 48.6436, 34.1818



42.0176, 48.6436, 37.1439

Triad

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



45.5632, 48.6436, 34.1818



40.3175, 48.6436, 66.4310



53.4427, 48.6436, 62.6160

Complementary

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



45.5632, 48.6436, 34.1818



34.1586, 34.5949, 57.7005

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.



50.7240, 48.6436, 72.7396



45.5632, 48.6436, 34.1818



43.1230, 48.6436, 75.1520

Square

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



45.5632, 48.6436, 34.1818



39.1007, 48.6436, 54.9195



46.9119, 48.6436, 77.6099



54.1867, 48.6436, 51.0567

Rectangle

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



45.5632, 48.6436, 34.1818



40.3018, 48.6436, 41.5133



46.9119, 48.6436, 77.6099



52.7222, 48.6436, 66.3490

Sweetspot

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



45.5645, 48.6458, 34.1828



90.4260, 95.7318, 92.0067



39.5415, 34.9231, 37.3446



19.1778, 20.3238, 19.0564



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.



45.5645, 48.6458, 34.1828



79.1844, 84.6183, 53.2079



44.9819, 52.2292, 34.9052



11.3043, 11.9778, 11.2789



22.4555, 22.4281, 3.1455



1.1160, 1.1675, 0.1665

Inverse Universe

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



34.1586, 34.5949, 57.7005



55.3560, 55.2699, 102.3583



34.6060, 31.9350, 57.1635



10.2558, 10.6857, 13.4395



7.3343, 4.0625, 35.1419



0.4050, 0.3078, 1.6832

Previews

White Background



This preview shows how the XYZ color 45.5632, 48.6436, 34.1818 looks on a white background.

Color Contrast Check

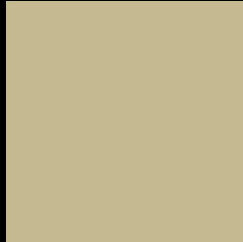
Large Text (above 18pt) WCAG AA × Fail

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 45.5632, 48.6436, 34.1818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

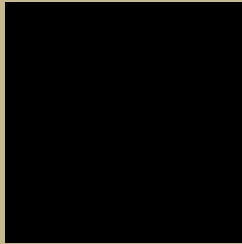
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

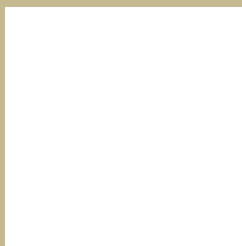
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5632, 48.6436, 34.1818

Background



This preview shows how black text looks on a background with the XYZ color 45.5632, 48.6436, 34.1818.



This preview shows how white text looks on a background with the XYZ color 45.5632, 48.6436,

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

45.5632, 48.6436, 34.1818

Protanopia

45.5632, 48.6436, 34.1818

Deuteranopia

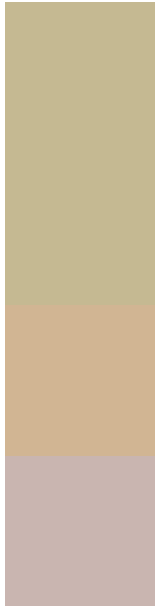
49.5058, 48.5463, 34.3649



Tritanopia

50.3743, 48.7870, 57.2139

Trichromacy



Original Color

45.5632, 48.6436, 34.1818

Protanomaly

45.5632, 48.6436, 34.1818

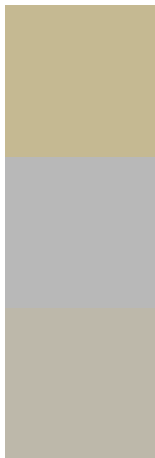
Deuteranomaly

48.0848, 48.7096, 34.4713

Tritanomaly

48.4477, 48.5998, 47.9015

Monochromacy



Original Color

45.5632, 48.6436, 34.1818

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.3825, 48.0021, 44.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5632, 48.6436, 34.1818 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(197, 185, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 146)  
}
```

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(197, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 146) }
```

Border

The CSS property to change the border of an element to XYZ 45.5632, 48.6436, 34.1818 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(197, 185, 146) }
```


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

```
.border{ border-color:rgb(197, 185, 146) }
```

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

Here you see how a box with a 4 pixel rgb(197, 185, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5632, 48.6436, 34.1818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 146) }
```

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

```
.background{ background-color: rgb(197,  
185, 146) }
```

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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