

Converting Colors

XYZ(50.0717, 51.6039, 34.0347)

Have a look what the booklet for
XYZ(50.0717, 51.6039, 34.0347)
contains.

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Color

**XYZ(50.0325, 51.5820,
34.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BB91
RGB	212, 187, 145
RGB Percent	83%, 73%, 57%
CMY	0.1686, 0.2666, 0.4314
CMYK	0.00, 0.12, 0.32, 0.17
HSL	38°, 44%, 70%
HSV	38°, 32%, 83%
XYZ	50.0325, 51.5820, 34.1074
YIQ	189.6870, 28.3820, -7.7620

Conversions

Conversions Part 2

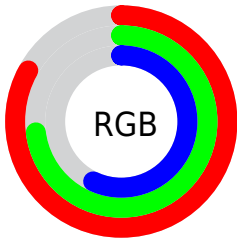
Format	Color
R _Y B	185, 212, 145
Decimal	13941649
CIE Lab	77.03, 2.72, 24.57
CIE LCh	77, 24.718, 83.677
Yxy	51.5820, 0.3686, 0.3801
Android (android.graphics.Color)	4292131729 (0xFFD4BB91)
YUV	189.6870, -22.0307, 19.5685
Hunter-Lab	71.8206, -1.3373, 22.1178

Details

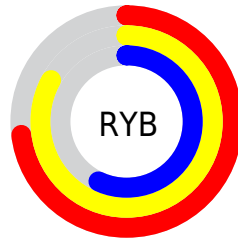
The XYZ color **50.0325, 51.5820, 34.1074** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9351, 39.5215, 67.9164**, and the grayscale version is **48.8758, 51.4212, 55.9976**.

A 20% lighter version of the original color is **83.5994, 89.4847, 66.8989**, and **24.2558, 24.9263, 14.1225** is the 20% darker color. If you saturate the color by 10%, you get **46.9164, 47.7261, 25.7424**, and if you desaturate by 10%, it is **53.5488, 55.7495, 44.1119**.

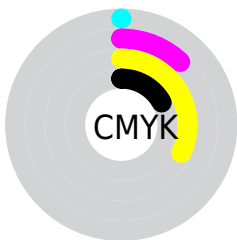
Distribution



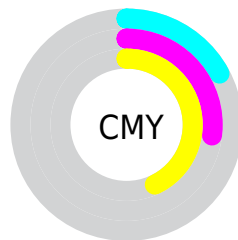
- Red (83%)
- Green (73%)
- Blue (57%)



- Red (73%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0325, 51.5820, 34.1074 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 50.0325, 51.5820, 34.1074 by changing the saturation by 10% instead.

■ 50.0325, 51.5820,
34.1074

■ 50.0325, 51.5820,
34.1074

377.2429,
392.8208, 335.3944

■ 35.6571, 36.6720,
22.6981

■ 89.4146, 92.5145,
67.2365

■ 24.3384, 24.9536,
14.1675

■ 115.1520,
119.3058, 89.7933

■ 15.7109, 16.0425,
8.0972

145.4074,
150.8263, 116.9030

■ 9.4094, 9.5542,
4.0685

180.5463,
187.4604, 148.9842

■ 5.0684, 5.1044,
1.6630

220.9339,
229.5925, 186.4554

■ 2.3226, 2.3087,
0.3352

266.9356,

■ 0.8062, 0.7783,

277.6070, 229.7352

0.0000

318.9169,
331.8883, 279.2420

■ 0.0000, 0.0000,
0.0000

■ 50.0325, 51.5820,
34.1074

■ 50.0325, 51.5820,
34.1074

■ 46.9164, 47.7261,
25.7424

■ 53.5488, 55.7495,
44.1119

■ 44.1780, 44.1650,
18.9237

■ 57.4783, 60.2306,
55.8357

■ 41.7984, 40.8906,
13.5534


■ 61.8386, 65.0364,
69.3574


■ 39.7553, 37.8913,
9.5214


■ 66.6445, 70.1751,
84.7496


■ 38.0231, 35.1545,
6.7011


■ 71.9105, 75.6546,
102.0809


 36.5716, 32.6655,
4.9413

 74.7551, 80.3245,
106.1719

 35.5267, 30.7476,
4.0624

 77.0632, 84.9407,
106.9413

 79.4732, 89.7606,
107.7446

 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



54.5961, 51.5820, 37.7338



50.0325, 51.5820, 34.1074



45.4756, 51.5820, 35.5823

Triad

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



50.0325, 51.5820, 34.1074



41.1838, 51.5820, 67.2498



56.7007, 51.5820, 72.9913

Complementary

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



50.0325, 51.5820, 34.1074



37.9351, 39.5215, 67.9164

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.



52.7589, 51.5820, 83.4582



50.0325, 51.5820, 34.1074



43.8504, 51.5820, 79.7893

Square

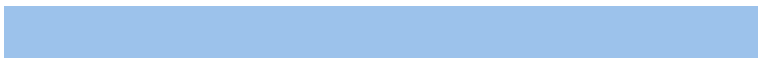
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.0325, 51.5820, 34.1074



40.5566, 51.5820, 53.3525



48.0353, 51.5820, 86.1265



58.6018, 51.5820, 59.0726

Rectangle

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



50.0325, 51.5820, 34.1074



43.0287, 51.5820, 39.3997



48.0353, 51.5820, 86.1265



55.5587, 51.5820, 77.1146

Sweetspot

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



50.0338, 51.5844, 34.1085



88.9018, 93.2675, 89.6980



44.5977, 37.1766, 43.1958



18.8270, 19.7384, 18.5810



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.



50.0338, 51.5844, 34.1085



72.7126, 74.3169, 42.9051



53.6067, 61.9947, 35.9296



13.0654, 13.7050, 13.1174



22.0313, 19.1798, 2.5409



1.4070, 1.3132, 0.1793

Inverse Universe

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



37.9351, 39.5215, 67.9164



51.5177, 53.1942, 102.1600



35.1119, 31.7594, 66.5670



12.1184, 12.7601, 15.7618



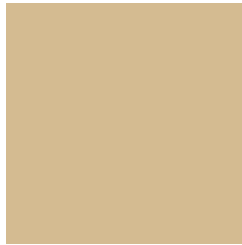
9.1550, 6.5719, 39.2391



0.6303, 0.5527, 2.3928

Previews

White Background



This preview shows how the XYZ color 50.0325, 51.5820, 34.1074 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 50.0325, 51.5820, 34.1074 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

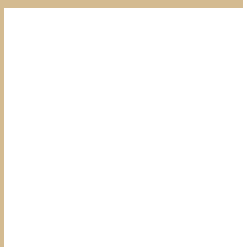
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0325, 51.5820, 34.1074

Background



This preview shows how black text looks on a background with the XYZ color 50.0325, 51.5820, 34.1074.



This preview shows how white text looks on a background with the XYZ color 50.0325, 51.5820,

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

50.0325, 51.5820, 34.1074

Protanopia

48.2304, 51.5987, 34.6117

Deuteranopia

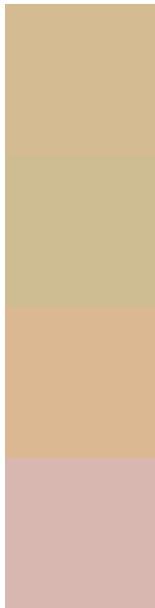
52.5532, 51.6303, 34.3899



Tritanopia

54.9723, 51.4430, 58.0711

Trichromacy



Original Color

50.0325, 51.5820, 34.1074

Protanomaly

48.8395, 51.5923, 34.5783

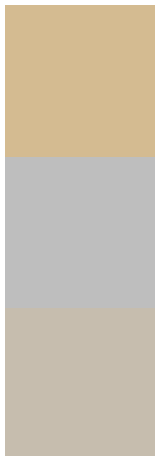
Deuteranomaly

51.5422, 51.4164, 34.4019

Tritanomaly

53.0889, 51.6005, 48.2361

Monochromacy



Original Color

50.0325, 51.5820, 34.1074

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.1263, 51.4570, 47.3874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0325, 51.5820, 34.1074 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(212, 187, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 187, 145)  
}
```

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(212, 187, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 187, 145) }
```

Border

The CSS property to change the border of an element to XYZ 50.0325, 51.5820, 34.1074 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(212, 187, 145) }
```


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

```
.border{ border-color:rgb(212, 187, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 187, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 187, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 187, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 187,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0325, 51.5820, 34.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 187, 145) }
```

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

```
.background{ background-color: rgb(212,  
187, 145) }
```

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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