

Converting Colors

XYZ(50.1392, 52.3550, 35.0086)

Have a look what the booklet for
XYZ(50.1392, 52.3550, 35.0086)
contains.

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Color

**XYZ(50.0424, 52.2034,
35.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BD93
RGB	210, 189, 147
RGB Percent	82%, 74%, 58%
CMY	0.1765, 0.2588, 0.4235
CMYK	0.00, 0.10, 0.30, 0.18
HSL	40°, 41%, 70%
HSV	40°, 30%, 82%
XYZ	50.0424, 52.2034, 35.0425
YIQ	190.4910, 25.9980, -8.6100

Conversions

Conversions Part 2

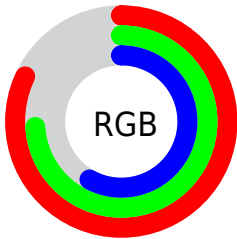
Format	Color
R _Y B	179, 210, 147
Decimal	13811091
CIE Lab	77.40, 1.15, 23.98
CIE LCh	77, 24.007, 87.266
Yxy	52.2034, 0.3645, 0.3802
Android (android.graphics.Color)	4292001171 (0xFFD2BD93)
YUV	190.4910, -21.4411, 17.1094
Hunter-Lab	72.2519, -2.8100, 21.8204

Details

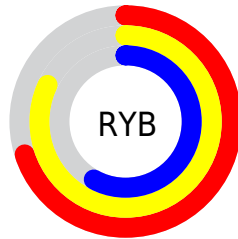
The XYZ color **50.0424, 52.2034, 35.0425** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6678, 38.8604, 66.4884**, and the grayscale version is **49.3373, 51.9067, 56.5264**.

A 20% lighter version of the original color is **84.4350, 90.7819, 68.3308**, and **24.4330, 25.4214, 14.6854** is the 20% darker color. If you saturate the color by 10%, you get **47.0738, 48.6668, 26.6518**, and if you desaturate by 10%, it is **53.3872, 56.0105, 45.0439**.

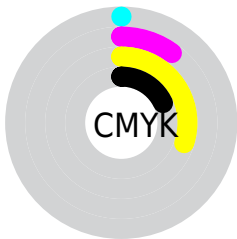
Distribution



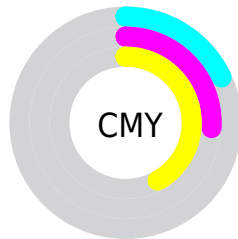
- Red (82%)
- Green (74%)
- Blue (58%)



- Red (70%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0424, 52.2034, 35.0425 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 50.0424, 52.2034, 35.0425 by changing the saturation by 10% instead.


 50.0424, 52.2034,
35.0425


 50.0424, 52.2034,
35.0425


377.2810,
395.2213, 339.6658

 35.6650, 37.1672,
23.4118


 89.4291, 93.4311,
68.7039

 24.3445, 25.3370,
14.6897

 115.1692,
120.3915, 91.5717

 15.7155, 16.3283,
8.4577


145.4276,
152.0954, 119.0223

 9.4126, 9.7568,
4.2973

180.5696,
188.9272, 151.4742

 5.0705, 5.2380,
1.7898

220.9605,
231.2713, 189.3460

 2.3239, 2.3876,
0.4212

266.9659,

 0.8068, 0.8195,

279.5121, 233.0561

0.0000

318.9509,
334.0340, 283.0232

■ 0.0000, 0.0000,
0.0000

■ 50.0424, 52.2034,
35.0425

■ 50.0424, 52.2034,
35.0425

■ 47.0738, 48.6668,
26.6518

■ 53.3872, 56.0105,
45.0439

■ 44.4599, 45.3848,
19.7819

■ 57.1204, 60.0888,
56.7328

■ 42.1832, 42.3507,
14.3390

■ 61.2583, 64.4485,
70.1850

■ 40.2225, 39.5543,
10.2176

■ 65.8151, 69.0966,
85.4708

■ 38.5541, 36.9843,
7.2973

■ 70.8044, 74.0401,
102.6563

■ 37.1497, 34.6277,
5.4354

■ 73.2033, 78.0714,
105.8188

■ 35.9588, 32.4625,
4.3707

■ 75.2014, 82.0677,
106.4848

■ 35.9588, 32.4623,
4.3706

■ 77.2788, 86.2224,
107.1773

■ 79.4362, 90.5372,
107.8964

Harmonies

Analogous

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



54.5738, 52.2034, 38.0268



50.0424, 52.2034, 35.0425



45.6616, 52.2034, 37.1067

Triad

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



50.0424, 52.2034, 35.0425



42.1387, 52.2034, 69.2995



57.4649, 52.2034, 71.7243

Complementary

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



50.0424, 52.2034, 35.0425



37.6678, 38.8604, 66.4884

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.



53.7961, 52.2034, 82.5629



50.0424, 52.2034, 35.0425



44.9712, 52.2034, 81.0173

Square

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



50.0424, 52.2034, 35.0425



41.2694, 52.2034, 55.6366



49.1955, 52.2034, 86.2005



59.0222, 52.2034, 58.0619

Rectangle

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



50.0424, 52.2034, 35.0425



43.3796, 52.2034, 41.2766



49.1955, 52.2034, 86.2005



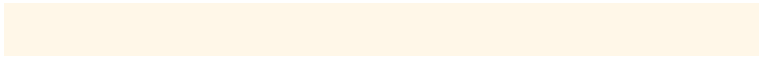
56.4270, 52.2034, 75.8947

Sweetspot

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



50.0437, 52.2058, 35.0436



89.1810, 93.8259, 89.7910



44.0804, 37.3968, 41.9414



18.8959, 19.8763, 18.6039



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.



50.0437, 52.2058, 35.0436



74.6339, 77.4417, 45.7585



51.9995, 60.4106, 36.5242



12.4577, 13.1061, 12.4852



22.0300, 19.9930, 2.6979



1.3031, 1.2605, 0.1746

Inverse Universe

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



37.6678, 38.8604, 66.4884



52.4411, 53.5193, 102.1741



36.0695, 32.7398, 65.3913



11.4810, 12.0522, 14.9649



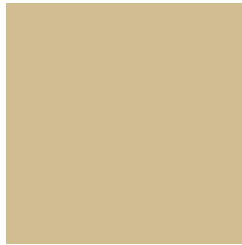
8.5143, 5.6752, 37.8392



0.5484, 0.4620, 2.1398

Previews

White Background



This preview shows how the XYZ color 50.0424, 52.2034, 35.0425 looks on a white background.

Color Contrast Check

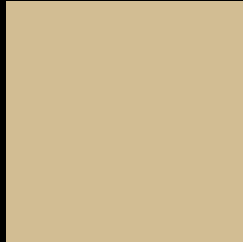
Large Text (above 18pt) WCAG AA × Fail

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 50.0424, 52.2034, 35.0425 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 50.0424, 52.2034, 35.0425

Background



This preview shows how black text looks on a background with the XYZ color 50.0424, 52.2034, 35.0425.



This preview shows how white text looks on a background with the XYZ color 50.0424, 52.2034,

35.0425.

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

50.0424, 52.2034, 35.0425

Protanopia

48.8779, 52.2371, 35.5236

Deuteranopia

53.2263, 52.2664, 35.3001



Tritanopia

55.1249, 52.0860, 59.9715

Trichromacy



Original Color

50.0424, 52.2034, 35.0425

Protanomaly

49.2124, 52.0868, 35.4770

Deuteranomaly

52.1176, 52.3160, 35.3681

Tritanomaly

53.2172, 52.2487, 49.9280

Monochromacy



Original Color

50.0424, 52.2034, 35.0425

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0794, 51.7532, 47.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0424, 52.2034, 35.0425 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, 189, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 147)  
}
```

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, 189, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 147) }
```

Border

The CSS property to change the border of an element to XYZ 50.0424, 52.2034, 35.0425 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, 189, 147) }
```


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

```
.border{ border-color:rgb(210, 189, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 189, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0424, 52.2034, 35.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 189, 147) }
```

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

```
.background{ background-color: rgb(210,  
189, 147) }
```

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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