

Converting Colors

XYZ(51.0762, 47.2773, 34.9910)

Have a look what the booklet for
XYZ(51.0762, 47.2773, 34.9910)
contains.

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Color

**XYZ(51.0391, 47.3033,
34.8742)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AB95
RGB	225, 171, 149
RGB Percent	88%, 67%, 58%
CMY	0.1176, 0.3294, 0.4157
CMYK	0.00, 0.24, 0.34, 0.12
HSL	17°, 56%, 73%
HSV	17°, 34%, 88%
XYZ	51.0391, 47.3033, 34.8742
YIQ	184.6380, 39.2460, 4.6060

Conversions

Conversions Part 2

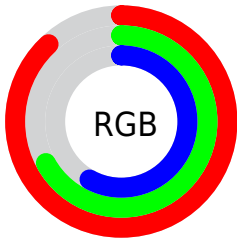
Format	Color
RYB	225, 180, 149
Decimal	14789525
CIELab	74.38, 16.82, 18.99
CIELCh	74, 25.371, 48.472
Yxy	47.3033, 0.3831, 0.3551
Android (android.graphics.Color)	4292979605 (0xFFE1AB95)
YUV	184.6380, -17.5695, 35.3975
Hunter-Lab	68.7774, 12.1028, 18.0806

Details

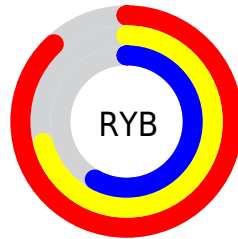
The XYZ color **51.0391, 47.3033, 34.8742** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3403, 54.5360, 79.2657**, and the grayscale version is **45.9933, 48.3885, 52.6951**.

A 20% lighter version of the original color is **79.2158, 79.9645, 67.7595**, and **24.9499, 22.4003, 14.5640** is the 20% darker color. If you saturate the color by 10%, you get **46.5745, 40.9763, 25.3632**, and if you desaturate by 10%, it is **56.2185, 54.5039, 46.3365**.

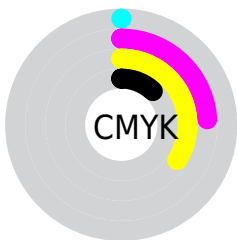
Distribution



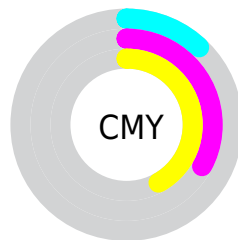
- Red (88%)
- Green (67%)
- Blue (58%)



- Red (88%)
- Yellow (71%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0391, 47.3033, 34.8742 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 51.0391, 47.3033, 34.8742 by changing the saturation by 10% instead.


 51.0391, 47.3033,
34.8742


 51.0391, 47.3033,
34.8742


381.1008,
376.0239, 338.9001

 36.4609, 33.2755,
23.2832

 90.8952, 86.1662,
68.4402

 24.9621, 22.3376,
14.5955


 116.9038,
111.7700, 91.2523

 16.1774, 14.1052,
8.3925


147.4533,
142.0014, 118.6418

 9.7414, 8.1938,
4.2558

182.9090,
177.2446, 151.0273

 5.2888, 4.2192,
1.7667

223.6362,
217.8840, 188.8274

 2.4542, 1.7969,
0.4058

270.0004,

 0.8722, 0.4853,

264.3041, 232.4605

0.0000

322.3668,
316.8893, 282.3452

■ 0.0000, 0.0000,
0.0000

■ 51.0391, 47.3033,
34.8742

■ 51.0391, 47.3033,
34.8742

■ 46.5745, 40.9763,
25.3632

■ 56.2185, 54.5039,
46.3365

■ 42.7878, 35.4824,
17.6907

■ 62.1396, 62.6036,
59.8484

■ 39.6446, 30.7873,
11.7366

■ 68.8327, 71.6348,
75.5052

■ 37.1052, 26.8520,
7.3652

■ 76.3250, 81.6264,
93.3953

■ 35.1253, 23.6336,
4.4199

■ 83.5777, 92.1802,
107.9953

■ 33.6531, 21.0840,
2.7114

■ 84.8614, 94.7476,
108.4232

■ 32.9501, 19.8049,
2.0861

Harmonies

Analogous

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



53.8171, 47.3033, 43.9385



51.0391, 47.3033, 34.8742



46.7387, 47.3033, 30.5790

Triad

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



51.0391, 47.3033, 34.8742



36.8910, 47.3033, 46.6397



47.8014, 47.3033, 79.2402

Complementary

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



51.0391, 47.3033, 34.8742



47.3403, 54.5360, 79.2657

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.



43.2277, 47.3033, 80.2960



51.0391, 47.3033, 34.8742



37.1329, 47.3033, 59.8943

Square

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



51.0391, 47.3033, 34.8742



38.6997, 47.3033, 36.5622



39.3845, 47.3033, 72.7273



51.8622, 47.3033, 70.0489

Rectangle

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



51.0391, 47.3033, 34.8742



43.6786, 47.3033, 30.4147



39.3845, 47.3033, 72.7273



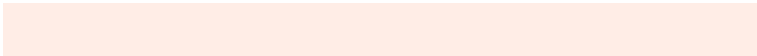
46.2670, 47.3033, 80.6096

Sweetspot

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



51.0403, 47.3055, 34.8752



85.7031, 87.4458, 86.8570



52.6344, 41.8371, 62.0935



18.0811, 18.3613, 17.9788



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.



51.0403, 47.3055, 34.8752



63.2485, 56.4108, 36.5993



59.1626, 63.5501, 37.5826



14.0289, 14.3438, 14.3360



19.0745, 11.5870, 1.2312



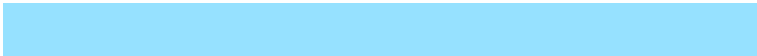
1.3977, 0.9542, 0.1105

Inverse Universe

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



47.3403, 54.5360, 79.2657



57.5627, 67.4509, 104.5932



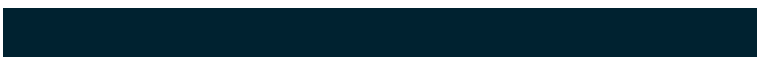
39.5250, 38.9053, 76.6606



13.7638, 14.8668, 17.5318



15.1660, 17.8015, 43.6851



1.1270, 1.3855, 3.0533

Previews

White Background



This preview shows how the XYZ color 51.0391, 47.3033, 34.8742 looks on a white background.

Color Contrast Check

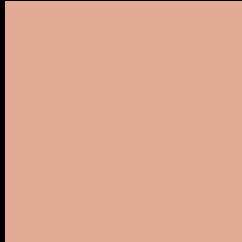
Large Text (above 18pt) WCAG AA × Fail

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 51.0391, 47.3033, 34.8742 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 51.0391, 47.3033, 34.8742

Background



This preview shows how black text looks on a background with the XYZ color 51.0391, 47.3033, 34.8742.



This preview shows how white text looks on a background with the XYZ color 51.0391, 47.3033,

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

51.0391, 47.3033, 34.8742

Protanopia

44.8422, 47.5710, 37.8290

Deuteranopia

48.3112, 47.3349, 34.6073



Tritanopia

53.9503, 47.3861, 48.9508

Trichromacy



Original Color

51.0391, 47.3033, 34.8742

Protanomaly

47.0467, 47.5192, 36.8295

Deuteranomaly

49.0966, 47.1619, 34.5325

Tritanomaly

52.7491, 47.1633, 43.3690

Monochromacy



Original Color

51.0391, 47.3033, 34.8742

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.5871, 47.9004, 45.7673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0391, 47.3033, 34.8742 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(225, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 149)  
}
```

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(225, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.0391, 47.3033, 34.8742 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(225, 171, 149) }
```


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

```
.border{ border-color:rgb(225, 171, 149) }
```

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

Here you see how a box with a 4 pixel rgb(225, 171, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0391, 47.3033, 34.8742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 149) }
```

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

```
.background{ background-color: rgb(225,  
171, 149) }
```

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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