

Converting Colors

XYZ(50.8201, 47.5362, 36.2309)

Have a look what the booklet for
XYZ(50.8201, 47.5362, 36.2309)
contains.

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Color

**XYZ(50.8514, 47.4600,
36.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAC98
RGB	223, 172, 152
RGB Percent	87%, 67%, 60%
CMY	0.1255, 0.3255, 0.4039
CMYK	0.00, 0.23, 0.32, 0.13
HSL	17°, 53%, 74%
HSV	17°, 32%, 87%
XYZ	50.8514, 47.4600, 36.1863
YIQ	184.9690, 36.8160, 4.5920

Conversions

Conversions Part 2

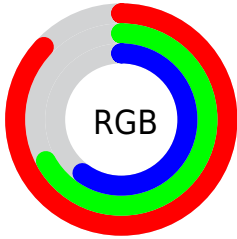
Format	Color
R _Y B	223, 180, 152
Decimal	14658712
CIE Lab	74.48, 15.89, 17.47
CIE LCh	74, 23.618, 47.709
Yxy	47.4600, 0.3781, 0.3529
Android (android.graphics.Color)	4292848792 (0xFFDFAC98)
YUV	184.9690, -16.2537, 33.3532
Hunter-Lab	68.8912, 11.1985, 17.0808

Details

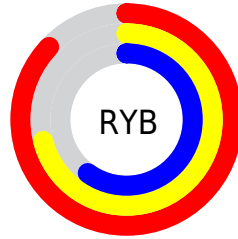
The XYZ color **50.8514, 47.4600, 36.1863** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6234, 54.7131, 77.8627**, and the grayscale version is **46.1711, 48.5756, 52.8988**.

A 20% lighter version of the original color is **79.8497, 80.6544, 69.7518**, and **24.7913, 22.4795, 15.3443** is the 20% darker color. If you saturate the color by 10%, you get **46.3273, 41.0649, 26.4988**, and if you desaturate by 10%, it is **56.0889, 54.7318, 47.8067**.

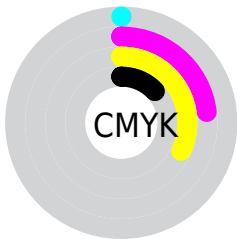
Distribution



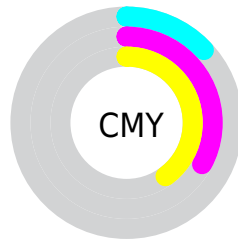
- Red (87%)
- Green (67%)
- Blue (60%)



- Red (87%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8514, 47.4600, 36.1863 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 50.8514, 47.4600, 36.1863 by changing the saturation by 10% instead.


 50.8514, 47.4600,
36.1863

 50.8514, 47.4600,
36.1863


380.3833,
376.6477, 344.8361

 36.3109, 33.3995,
24.2873


 90.6194, 86.3999,
70.4918

 24.8456, 22.4326,
15.3327


 116.5776,
112.0479, 93.7354

 16.0902, 14.1751,
8.9040

147.0724,
142.3273, 121.5975

 9.6793, 8.2426,
4.5827

182.4692,
177.6224, 154.4968

 5.2474, 4.2506,
1.9501

223.1334,
218.3176, 192.8518

 2.4294, 1.8147,
0.5244

269.4302,

 0.8598, 0.4963,

264.7973, 237.0809

0.0000

321.7251,
317.4459, 287.6029

■ 0.0000, 0.0000,
0.0000

■ 50.8514, 47.4600,
36.1863

■ 50.8514, 47.4600,
36.1863

■ 46.3273, 41.0649,
26.4988

■ 56.0889, 54.7318,
47.8067

■ 42.4804, 35.5060,
18.6353

■ 62.0661, 62.9054,
61.4549

■ 39.2772, 30.7495,
12.4806

■ 68.8126, 72.0132,
77.2229

■ 36.6791, 26.7568,
7.9049

■ 76.3552, 82.0839,
95.1963

■ 34.6434, 23.4853,
4.7597

■ 83.3201, 92.5853,
108.0870

■ 33.1201, 20.8881,
2.8671

■ 84.2414, 94.4280,
108.3942

■ 32.1996, 19.2244,
2.0136

Harmonies

Analogous

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



53.3749, 47.4600, 44.8606



50.8514, 47.4600, 36.1863



46.8764, 47.4600, 31.9690

Triad

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



50.8514, 47.4600, 36.1863



37.5667, 47.4600, 46.8389



47.6482, 47.4600, 77.4127

Complementary

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



50.8514, 47.4600, 36.1863



47.6234, 54.7131, 77.8627

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.



43.3872, 47.4600, 78.1668



50.8514, 47.4600, 36.1863



37.7444, 47.4600, 59.1486

Square

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



50.8514, 47.4600, 36.1863



39.3148, 47.4600, 37.4374



39.8166, 47.4600, 71.0539



51.4470, 47.4600, 69.1320

Rectangle

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



50.8514, 47.4600, 36.1863



44.0190, 47.4600, 31.7330



39.8166, 47.4600, 71.0539



46.2175, 47.4600, 78.5970

Sweetspot

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



50.8526, 47.4622, 36.1873



85.6458, 87.3311, 86.8379



52.5670, 42.5078, 62.6031



18.0673, 18.3337, 17.9742



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.



50.8526, 47.4622, 36.1873



64.8534, 58.5985, 40.2854



58.2749, 62.3067, 38.6613



14.0201, 14.3262, 14.3331



19.0157, 11.4693, 1.2116



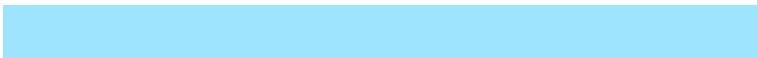
1.3926, 0.9441, 0.1088

Inverse Universe

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



47.6234, 54.7131, 77.8627



59.8306, 69.8199, 104.9309



40.3761, 40.2186, 75.4470



13.7731, 14.8854, 17.5349



15.3404, 18.1504, 43.7432



1.1380, 1.4074, 3.0569

Previews

White Background



This preview shows how the XYZ color 50.8514, 47.4600, 36.1863 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 50.8514, 47.4600, 36.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

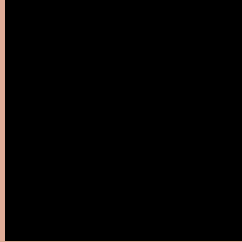
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8514, 47.4600, 36.1863

Background



This preview shows how black text looks on a background with the XYZ color 50.8514, 47.4600, 36.1863.



This preview shows how white text looks on a background with the XYZ color 50.8514, 47.4600,

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

50.8514, 47.4600, 36.1863

Protanopia

45.0116, 47.6388, 38.7211

Deuteranopia

48.2626, 47.2821, 35.8608



Tritanopia

53.7072, 47.5102, 50.0558

Trichromacy



Original Color

50.8514, 47.4600, 36.1863

Protanomaly

46.9383, 47.4441, 37.6941

Deuteranomaly

49.2348, 47.4932, 35.8503

Tritanomaly

52.4950, 47.2858, 44.3905

Monochromacy



Original Color

50.8514, 47.4600, 36.1863

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4173, 47.8018, 46.2627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8514, 47.4600, 36.1863 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(223, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 152)  
}
```

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(223, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.8514, 47.4600, 36.1863 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(223, 172, 152) }
```


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

```
.border{ border-color:rgb(223, 172, 152) }
```

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

Here you see how a box with a 4 pixel rgb(223, 172, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8514, 47.4600, 36.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 152) }
```

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

```
.background{ background-color: rgb(223,  
172, 152) }
```

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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