

Converting Colors

XYZ(47.6188, 46.6788, 34.9339)

Have a look what the booklet for
XYZ(47.6188, 46.6788, 34.9339)
contains.

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Color

**XYZ(47.6188, 46.6788,
34.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AF95
RGB	211, 175, 149
RGB Percent	83%, 69%, 58%
CMY	0.1725, 0.3137, 0.4157
CMYK	0.00, 0.17, 0.29, 0.17
HSL	25°, 41%, 71%
HSV	25°, 29%, 83%
XYZ	47.6188, 46.6788, 34.9339
YIQ	182.8000, 29.8020, -0.4540

Conversions

Conversions Part 2

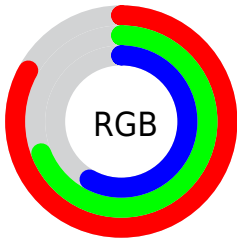
Format	Color
R _{YB}	211, 194, 149
Decimal	13873045
CIE Lab	73.98, 9.25, 18.23
CIE LCh	74, 20.442, 63.083
Yxy	46.6788, 0.3685, 0.3612
Android (android.graphics.Color)	4292063125 (0xFFD3AF95)
YUV	182.8000, -16.6634, 24.7314
Hunter-Lab	68.3219, 4.8471, 17.5095

Details

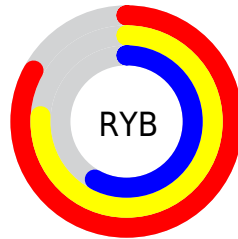
The XYZ color **47.6188, 46.6788, 34.9339** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5008, 45.7893, 68.2791**, and the grayscale version is **44.9782, 47.3205, 51.5321**.

A 20% lighter version of the original color is **80.5954, 82.7236, 68.2193**, and **22.8051, 22.0163, 14.6029** is the 20% darker color. If you saturate the color by 10%, you get **43.8076, 41.5124, 26.0919**, and if you desaturate by 10%, it is **51.9540, 52.4042, 45.4573**.

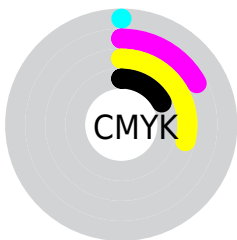
Distribution



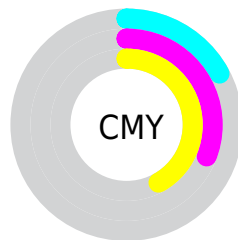
- Red (83%)
- Green (69%)
- Blue (58%)



- Red (83%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (17%)




- Cyan (17%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6188, 46.6788, 34.9339 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 47.6188, 46.6788, 34.9339 by changing the saturation by 10% instead.


 47.6188, 46.6788,
34.9339


 47.6188, 46.6788,
34.9339


367.8869,
373.5310, 339.1719

 33.7351, 32.7818,
23.3288

 85.8497, 85.2340,
68.5338

 22.8521, 21.9593,
14.6289

 110.9276,
110.6609, 91.3656

 14.6044, 13.8270,
8.4156


140.4676,
140.7000, 118.7768

 8.6267, 8.0005,
4.2705

174.8351,
175.7356, 151.1859

 4.5537, 4.0952,
1.7749

214.3955,
216.1521, 189.0114

 2.0199, 1.7270,
0.4113

259.5140,

 0.6451, 0.4410,

262.3339, 232.6719

0.0000

310.5560,
314.6654, 282.5859

■ 0.0000, 0.0000,
0.0000

■ 47.6188, 46.6788,
34.9339

■ 47.6188, 46.6788,
34.9339

■ 43.8076, 41.5124,
26.0919

■ 51.9540, 52.4042,
45.4573

■ 40.4946, 36.8806,
18.8396

■ 56.8302, 58.6993,
57.7414

■ 37.6569, 32.7662,
13.0809

■ 62.2683, 65.5826,
71.8638

■ 35.2682, 29.1489,
8.7082

■ 68.2867, 73.0696,
87.8967

■ 33.2991, 26.0064,
5.5987

■ 74.9031, 81.1753,
105.9082

■ 31.7156, 23.3141,
3.6080

■ 78.6373, 88.5154,
107.5483

■ 30.4648, 21.0390,
2.4926

■ 80.6741, 92.5889,
108.2272

■ 30.3949, 20.9106,
2.4342

Harmonies

Analogous

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



50.5078, 46.6788, 40.6289



47.6188, 46.6788, 34.9339



43.9906, 46.6788, 33.2880

Triad

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



47.6188, 46.6788, 34.9339



37.7243, 46.6788, 51.9134



48.3071, 46.6788, 69.5851

Complementary

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



47.6188, 46.6788, 34.9339



41.5008, 45.7893, 68.2791

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.



44.7451, 46.6788, 73.6414



47.6188, 46.6788, 34.9339



38.7449, 46.6788, 62.5991

Square

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



47.6188, 46.6788, 34.9339



38.4013, 46.6788, 42.2622



41.2663, 46.6788, 70.9258



50.9202, 46.6788, 60.4733

Rectangle

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



47.6188, 46.6788, 34.9339



41.6730, 46.6788, 34.4933



41.2663, 46.6788, 70.9258



47.1743, 46.6788, 71.6375

Sweetspot

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



47.6200, 46.6810, 34.9349



87.4683, 90.4005, 89.2201



46.3864, 38.8541, 51.0465



18.4740, 19.0324, 18.4633



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.



47.6200, 46.6810, 34.9349



69.4994, 66.8027, 45.1875



54.3203, 60.0815, 37.1683



12.2104, 12.6114, 12.4027



18.4396, 12.8122, 1.5011



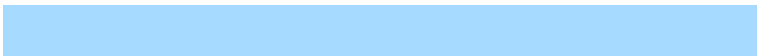
1.1087, 0.8717, 0.1098

Inverse Universe

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



41.5008, 45.7893, 68.2791



58.6826, 65.2181, 104.1032



35.7360, 34.2596, 66.3575



11.7256, 12.5414, 15.0464



11.4365, 11.5196, 38.8132



0.7170, 0.7992, 2.1960

Previews

White Background



This preview shows how the XYZ color 47.6188, 46.6788, 34.9339 looks on a white background.

Color Contrast Check

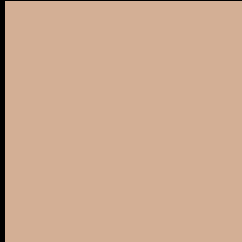
Large Text (above 18pt) WCAG AA × Fail

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 47.6188, 46.6788, 34.9339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

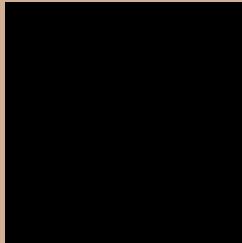
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6188, 46.6788, 34.9339

Background



This preview shows how black text looks on a background with the XYZ color 47.6188, 46.6788, 34.9339.



This preview shows how white text looks on a background with the XYZ color 47.6188, 46.6788,

34.9339.

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

47.6188, 46.6788, 34.9339

Protanopia

44.1337, 46.9294, 36.4379

Deuteranopia

47.6188, 46.6788, 34.9339



Tritanopia

50.9463, 46.6154, 51.1123

Trichromacy



Original Color

47.6188, 46.6788, 34.9339

Protanomaly

45.2592, 46.6167, 35.8907

Deuteranomaly

47.6188, 46.6788, 34.9339

Tritanomaly

49.8348, 46.7415, 44.9235

Monochromacy



Original Color

47.6188, 46.6788, 34.9339

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6643, 46.9202, 45.1778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6188, 46.6788, 34.9339 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(211, 175, 149)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 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(211, 175, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 149) }
```

Border

The CSS property to change the border of an element to XYZ 47.6188, 46.6788, 34.9339 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(211, 175, 149) }
```


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

```
.border{ border-color:rgb(211, 175, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 149);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6188, 46.6788, 34.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 149) }
```

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

```
.background{ background-color: rgb(211,  
175, 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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