

Converting Colors

XYZ(41.7558, 41.6766, 34.6978)

Have a look what the booklet for
XYZ(41.7558, 41.6766, 34.6978)
contains.

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Color

**XYZ(41.7558, 41.6766,
34.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A896
RGB	194, 168, 150
RGB Percent	76%, 66%, 59%
CMY	0.2392, 0.3412, 0.4118
CMYK	0.00, 0.13, 0.23, 0.24
HSL	25°, 27%, 67%
HSV	25°, 23%, 76%
XYZ	41.7558, 41.6766, 34.6978
YIQ	173.7220, 21.2740, -0.0860

Conversions

Conversions Part 2

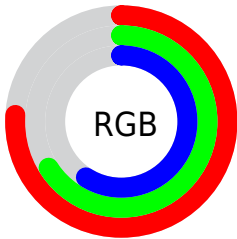
Format	Color
RYB	194, 180, 150
Decimal	12757142
CIELab	70.65, 6.62, 12.78
CIELCh	71, 14.395, 62.628
Yxy	41.6766, 0.3535, 0.3528
Android (android.graphics.Color)	4290947222 (0xFFC2A896)
YUV	173.7220, -11.6949, 17.7838
Hunter-Lab	64.5574, 2.4785, 13.3235

Details

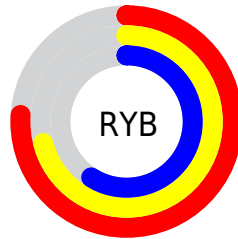
The XYZ color **41.7558, 41.6766, 34.6978** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8403, 41.4287, 57.0414**, and the grayscale version is **40.1408, 42.2313, 45.9899**.

A 20% lighter version of the original color is **77.0704, 77.6442, 68.0515**, and **19.3127, 18.9671, 14.4475** is the 20% darker color. If you saturate the color by 10%, you get **38.2978, 37.0568, 26.4655**, and if you desaturate by 10%, it is **45.6613, 46.7767, 44.3562**.

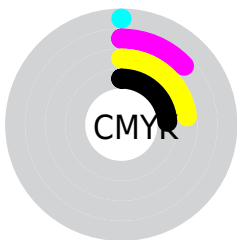
Distribution



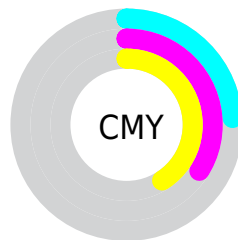
- Red (76%)
- Green (66%)
- Blue (59%)



- Red (76%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (24%)




- Cyan (24%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7558, 41.6766, 34.6978 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 41.7558, 41.6766, 34.6978 by changing the saturation by 10% instead.


 41.7558, 41.6766,
34.6978


 41.7558, 41.6766,
34.6978


344.4785,
353.1406, 338.0961

 29.1004, 28.8481,
23.1485


 77.0974, 77.7099,
68.1636

 19.3014, 18.9660,
14.4969


 100.5143,
101.6836, 90.9172

 11.9936, 11.6457,
8.3244


128.2491,
130.1411, 118.2426

 6.8115, 6.5029,
4.2125

160.6671,
163.4669, 150.5584

 3.3898, 3.1532,
1.7426

198.1337,
202.0454, 188.2831

 1.3631, 1.2122,
0.3897

241.0142,

 0.2297, 0.0717,

246.2609, 231.8352

0.0000

289.6740,
296.4978, 281.6334

■ 0.0000, 0.0000,
0.0000

■ 41.7558, 41.6766,
34.6978

■ 41.7558, 41.6766,
34.6978

■ 38.2978, 37.0568,
26.4655

■ 45.6613, 46.7767,
44.3562

■ 35.2664, 32.8970,
19.5881

■ 50.0273, 52.3655,
55.5020

■ 32.6439, 29.1836,
13.9922

■ 54.8706, 58.4581,
68.1961

■ 30.4099, 25.9001,
9.5962

■ 60.2059, 65.0674,
82.4952

■ 28.5421, 23.0288,
6.3090

■ 66.0474, 72.2057,
98.4530

■ 27.0152, 20.5505,
4.0262

■ 70.5178, 79.1286,
106.1644

■ 25.7998, 18.4435,
2.6228

■ 73.9391, 85.9711,
107.3048

■ 25.0718, 17.1164,
1.9824

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



43.5965, 41.6766, 38.6668



41.7558, 41.6766, 34.6978



39.4027, 41.6766, 33.4954

Triad

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



41.7558, 41.6766, 34.6978



35.2107, 41.6766, 45.9829



42.1337, 41.6766, 57.3473

Complementary

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



41.7558, 41.6766, 34.6978



37.8403, 41.4287, 57.0414

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.



39.8228, 41.6766, 59.7848



41.7558, 41.6766, 34.6978



35.8787, 41.6766, 52.8256

Square

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



41.7558, 41.6766, 34.6978



35.6824, 41.6766, 39.6108



37.5436, 41.6766, 58.0534



43.8208, 41.6766, 51.6810

Rectangle

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



41.7558, 41.6766, 34.6978



37.8760, 41.6766, 34.3155



37.5436, 41.6766, 58.0534



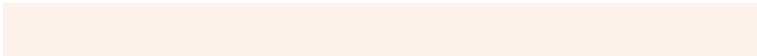
41.4009, 41.6766, 58.5958

Sweetspot

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



41.7569, 41.6785, 34.6987



87.0264, 90.2747, 91.2676



41.0310, 36.4330, 46.1523



18.9507, 19.6321, 19.7128



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.



41.7569, 41.6785, 34.6987



72.5782, 71.4287, 55.4680



46.0804, 50.3256, 36.1398



10.4041, 10.7396, 10.5865



16.5602, 11.4062, 1.3288



0.7833, 0.6283, 0.0800

Inverse Universe

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



37.8403, 41.4287, 57.0414



64.2848, 70.8956, 102.7658



33.9375, 33.6231, 55.7404



10.0118, 10.7149, 12.8253



10.4868, 10.7301, 35.0750



0.5195, 0.5965, 1.5376

Previews

White Background



This preview shows how the XYZ color 41.7558, 41.6766, 34.6978 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 41.7558, 41.6766, 34.6978 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 41.7558, 41.6766, 34.6978

Background



This preview shows how black text looks on a background with the XYZ color 41.7558, 41.6766, 34.6978.



This preview shows how white text looks on a background with the XYZ color 41.7558, 41.6766,

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

41.7558, 41.6766, 34.6978

Protanopia

39.4761, 41.5958, 35.6539

Deuteranopia

42.6124, 41.8452, 34.6852



Tritanopia

44.2372, 41.5956, 47.2922

Trichromacy



Original Color

41.7558, 41.6766, 34.6978

Protanomaly

40.3985, 41.7993, 35.2170

Deuteranomaly

42.3497, 41.7098, 34.6729

Tritanomaly

43.1951, 41.4360, 42.2805

Monochromacy



Original Color

41.7558, 41.6766, 34.6978

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6001, 42.0454, 41.5730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7558, 41.6766, 34.6978 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(194, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 150)  
}
```

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(194, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.7558, 41.6766, 34.6978 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(194, 168, 150) }
```


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

```
.border{ border-color:rgb(194, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7558, 41.6766, 34.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 150) }
```

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

```
.background{ background-color: rgb(194,  
168, 150) }
```

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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