

Converting Colors

XYZ(40.6798, 40.0622, 30.1689)

Have a look what the booklet for
XYZ(40.6798, 40.0622, 30.1689)
contains.

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Color

**XYZ(40.7006, 40.1508,
30.0308)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A48B
RGB	196, 164, 139
RGB Percent	77%, 64%, 55%
CMY	0.2314, 0.3568, 0.4549
CMYK	0.00, 0.16, 0.29, 0.23
HSL	26°, 33%, 66%
HSV	26°, 29%, 77%
XYZ	40.7006, 40.1508, 30.0308
YIQ	170.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

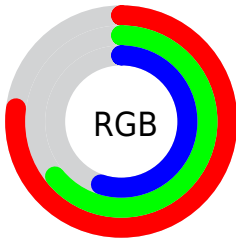
Format	Color
R _Y B	196, 184, 139
Decimal	12887179
CIE Lab	69.58, 8.00, 17.36
CIE LCh	70, 19.116, 65.248
Yxy	40.1508, 0.3671, 0.3621
Android (android.graphics.Color)	4291077259 (0xFFC4A48B)
YUV	170.7180, -15.6370, 22.1723
Hunter-Lab	63.3647, 3.7666, 16.2556

Details

The XYZ color **40.7006, 40.1508, 30.0308** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1737, 38.5990, 57.8211**, and the grayscale version is **38.6345, 40.6465, 44.2641**.

A 20% lighter version of the original color is **75.4652, 75.3959, 61.0275**, and **18.5818, 17.9723, 11.9408** is the 20% darker color. If you saturate the color by 10%, you get **37.5106, 35.8608, 22.5242**, and if you desaturate by 10%, it is **44.3198, 44.8879, 38.9481**.

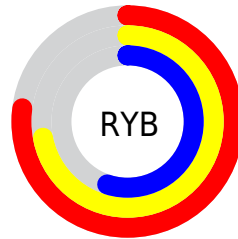
Distribution



Red (77%)

Green (64%)

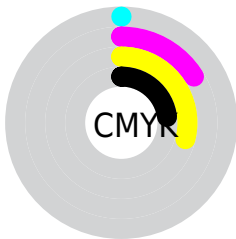
Blue (55%)



Red (77%)

Yellow (72%)

Blue (55%)

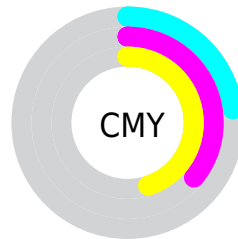


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7006, 40.1508, 30.0308 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 40.7006, 40.1508, 30.0308 by changing the saturation by 10% instead.


 40.7006, 40.1508,
30.0308


 40.7006, 40.1508,
30.0308


340.1517,
346.7588, 316.2598


 28.2719, 27.6561,
19.6097

 75.5068, 75.3931,
60.7725

 18.6722, 18.0666,
11.9304


 98.6149, 98.9095,
81.9301

 11.5362, 10.9978,
6.5743

 126.0135,
126.8686, 107.5037

 6.4987, 6.0654,
3.1230

158.0680,
159.6549, 137.9118

 3.1941, 2.8849,
1.1578

195.1437,
197.6526, 173.5729

 1.2572, 1.0719,
0.0000

237.6060,

 0.1509, 0.0000,

241.2462, 214.9056

0.0000

285.8202,
290.8202, 262.3284

0.0000, 0.0000,
0.0000

40.7006, 40.1508,
30.0308

40.7006, 40.1508,
30.0308

37.5106, 35.8608,
22.5242

44.3198, 44.8879,
38.9481

34.7288, 31.9984,
16.3521

48.3819, 50.0799,
49.3419

32.3366, 28.5503,
11.4349


52.9039, 55.7414,
61.2769


30.3127, 25.5007,
7.6832


57.9007, 61.8846,
74.8129


28.6333, 22.8321,
4.9958


63.3867, 68.5213,
90.0069


 27.2711, 20.5255,
3.2536

 69.1166, 75.5590,
105.5493

 26.1823, 18.5547,
2.2532

 72.2760, 81.8778,
106.6024

 26.0912, 18.3881,
2.1741

 75.6321, 88.5899,
107.7211

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



43.2155, 40.1508, 34.6260



40.7006, 40.1508, 30.0308



37.6220, 40.1508, 28.8857

Triad

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



40.7006, 40.1508, 30.0308



32.5535, 40.1508, 45.2900



41.6897, 40.1508, 59.1142

Complementary

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



40.7006, 40.1508, 30.0308



35.1737, 38.5990, 57.8211

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.



38.7074, 40.1508, 62.9152



40.7006, 40.1508, 30.0308



33.5189, 40.1508, 54.2752

Square

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



40.7006, 40.1508, 30.0308



33.0237, 40.1508, 36.9819



35.7315, 40.1508, 61.0351



43.8077, 40.1508, 51.2248

Rectangle

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



40.7006, 40.1508, 30.0308



35.6870, 40.1508, 30.0792



35.7315, 40.1508, 61.0351



40.7492, 40.1508, 60.9576

Sweetspot

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



40.7016, 40.1526, 30.0316



87.5997, 90.6633, 89.2639



39.3772, 33.1531, 43.0023



18.5063, 19.0970, 18.4741



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.



40.7016, 40.1526, 30.0316



69.9078, 67.6196, 45.3236



46.3189, 51.3871, 31.9040



10.4286, 10.7886, 10.5946



16.8474, 11.9805, 1.4245



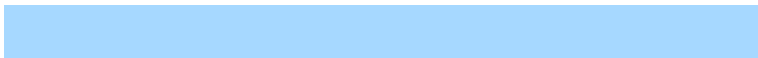
0.7964, 0.6547, 0.0844

Inverse Universe

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



35.1737, 38.5990, 57.8211



58.2406, 64.3341, 103.9559



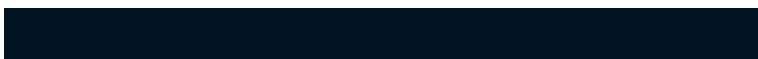
30.4041, 29.0599, 56.2313



9.9868, 10.6648, 12.8170



10.0733, 9.9031, 34.9372



0.5029, 0.5632, 1.5321

Previews

White Background



This preview shows how the XYZ color 40.7006, 40.1508, 30.0308 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 40.7006, 40.1508, 30.0308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

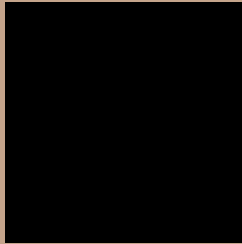
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7006, 40.1508, 30.0308

Background



This preview shows how black text looks on a background with the XYZ color 40.7006, 40.1508, 30.0308.



This preview shows how white text looks on a background with the XYZ color 40.7006, 40.1508,

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

40.7006, 40.1508, 30.0308

Protanopia

38.0796, 40.4057, 31.3833

Deuteranopia

40.7834, 39.9288, 29.9836



Tritanopia

43.6639, 40.0542, 44.4596

Trichromacy



Original Color

40.7006, 40.1508, 30.0308

Protanomaly

39.0601, 40.3675, 30.9323

Deuteranomaly

40.7834, 39.9288, 29.9836

Tritanomaly

42.6432, 40.1699, 38.7637

Monochromacy



Original Color

40.7006, 40.1508, 30.0308

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0830, 40.2118, 38.5026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7006, 40.1508, 30.0308 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(196, 164, 139)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 139)  
}
```

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(196, 164, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 139) }
```

Border

The CSS property to change the border of an element to XYZ 40.7006, 40.1508, 30.0308 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(196, 164, 139) }
```


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

```
.border{ border-color:rgb(196, 164, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 139);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7006, 40.1508, 30.0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 139) }
```

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

```
.background{ background-color: rgb(196,  
164, 139) }
```

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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