

Converting Colors

XYZ(40.2663, 40.6887, 30.5428)

Have a look what the booklet for
XYZ(40.2663, 40.6887, 30.5428)
contains.

XYZ(40.2906, 40.7374, 30.5505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.2906, 40.7374,
30.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A78C
RGB	192, 167, 140
RGB Percent	75%, 65%, 55%
CMY	0.2471, 0.3451, 0.4510
CMYK	0.00, 0.13, 0.27, 0.25
HSL	31°, 29%, 65%
HSV	31°, 27%, 75%
XYZ	40.2906, 40.7374, 30.5505
YIQ	171.3970, 23.5670, -3.0970

Conversions

Conversions Part 2

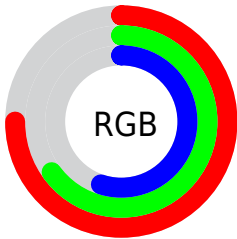
Format	Color
R_{YB}	188, 192, 140
Decimal	12625804
CIE _{Lab}	69.99, 4.95, 17.33
CIE _{LCh}	70, 18.020, 74.068
Yxy	40.7374, 0.3611, 0.3651
Android (android.graphics.Color)	4290815884 (0xFFC0A78C)
YUV	171.3970, -15.4787, 18.0688
Hunter-Lab	63.8259, 0.9844, 16.2987

Details

The XYZ color **40.2906, 40.7374, 30.5505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7845, 36.2904, 55.0935**, and the grayscale version is **38.9764, 41.0062, 44.6558**.

A 20% lighter version of the original color is **74.9258, 76.2773, 61.8129**, and **18.4574, 18.4029, 12.2522** is the 20% darker color. If you saturate the color by 10%, you get **37.3660, 36.9594, 23.1898**, and if you desaturate by 10%, it is **43.5851, 44.8593, 39.2541**.

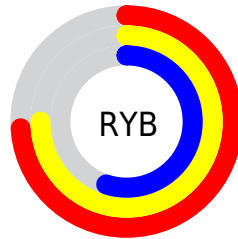
Distribution



Red (75%)

Green (65%)

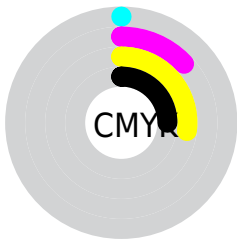
Blue (55%)



Red (74%)

Yellow (75%)

Blue (55%)

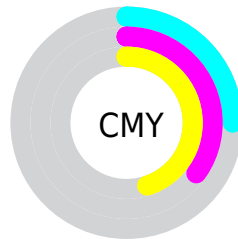


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2906, 40.7374, 30.5505 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 40.2906, 40.7374, 30.5505 by changing the saturation by 10% instead.


 40.2906, 40.7374,
30.5505


 40.2906, 40.7374,
30.5505


338.4603,
349.2219, 318.7489


 27.9504, 28.1140,
20.0012


 74.8874, 76.2851,
61.6029

 18.4285, 18.4116,
12.2118


 97.8746, 99.9781,
82.9432

 11.3596, 11.2459,
6.7638


 125.1417,
128.1298, 108.7175

 6.3784, 6.2325,
3.2386

157.0538,
161.1246, 139.3444

 3.1193, 2.9869,
1.2177

193.9763,
199.3467, 175.2425

 1.2172, 1.1249,
0.0000

236.2747,

 0.1199, 0.0000,

243.1808, 216.8302

0.0000

284.3143,
293.0110, 264.5262

0.0000, 0.0000,
0.0000

40.2906, 40.7374,
30.5505

40.2906, 40.7374,
30.5505

37.3660, 36.9594,
23.1898

43.5851, 44.8593,
39.2541

34.7927, 33.5096,
17.1012

47.2607, 49.3292,
49.3617

32.5552, 30.3791,
12.2108


51.3318, 54.1580,
60.9335


30.6355, 27.5563,
8.4364


55.8112, 59.3546,
74.0254


29.0132, 25.0288,
5.6849


60.7112, 64.9274,
88.6905


 27.6650, 22.7826,
3.8479


 66.0108, 70.8714,
104.8082

 26.5598, 20.8004,
2.7759

 68.5352, 75.9203,
105.6496

 26.2675, 20.2649,
2.5271

 71.1960, 81.2418,
106.5366

 73.9951, 86.8401,
107.4696

Harmonies

Analogous

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



42.9208, 40.7374, 34.0312



40.2906, 40.7374, 30.5505



37.3631, 40.7374, 30.4445

Triad

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



40.2906, 40.7374, 30.5505



33.4959, 40.7374, 48.4049



42.7819, 40.7374, 57.0215

Complementary

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



40.2906, 40.7374, 30.5505



33.7845, 36.2904, 55.0935

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.



40.1087, 40.7374, 61.9671



40.2906, 40.7374, 30.5505



34.8021, 40.7374, 56.5830

Square

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



40.2906, 40.7374, 30.5505



33.5391, 40.7374, 40.0631



37.1901, 40.7374, 61.7971



44.4080, 40.7374, 48.9454

Rectangle

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



40.2906, 40.7374, 30.5505



35.6415, 40.7374, 32.2620



37.1901, 40.7374, 61.7971



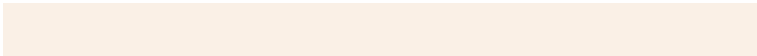
41.9702, 40.7374, 59.1481

Sweetspot

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



40.2917, 40.7393, 30.5513



84.9041, 88.5046, 87.4034



37.9204, 32.6846, 39.9715



17.9903, 18.7165, 18.1269



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2917, 40.7393, 30.5513



70.0466, 70.0228, 47.8204



45.1029, 50.6866, 32.2178



10.4962, 10.9238, 10.6172



17.7535, 13.7928, 1.7266



0.8358, 0.7334, 0.0975

Inverse Universe

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



33.7845, 36.2904, 55.0935



56.4491, 60.7276, 99.1067



29.8548, 28.2135, 53.7416



9.9188, 10.5290, 12.7943



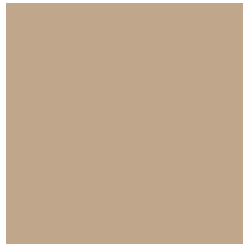
9.0717, 7.8999, 34.6033



0.4609, 0.4793, 1.5181

Previews

White Background



This preview shows how the XYZ color 40.2906, 40.7374, 30.5505 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 40.2906, 40.7374, 30.5505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

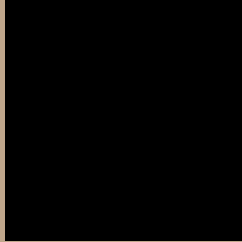
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2906, 40.7374, 30.5505

Background



This preview shows how black text looks on a background with the XYZ color 40.2906, 40.7374, 30.5505.



This preview shows how white text looks on a background with the XYZ color 40.2906, 40.7374,

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

40.2906, 40.7374, 30.5505

Protanopia

38.5015, 40.9026, 31.4569

Deuteranopia

41.4775, 40.8095, 30.5019



Tritanopia

43.4231, 40.6716, 46.1192

Trichromacy



Original Color

40.2906, 40.7374, 30.5505

Protanomaly

39.1900, 40.9868, 31.0450

Deuteranomaly

41.1348, 40.9016, 30.5377

Tritanomaly

42.3027, 40.7617, 39.8206

Monochromacy



Original Color

40.2906, 40.7374, 30.5505

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3103, 40.8712, 39.0748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2906, 40.7374, 30.5505 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(192, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 140)  
}
```

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(192, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 140) }
```

Border

The CSS property to change the border of an element to XYZ 40.2906, 40.7374, 30.5505 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(192, 167, 140) }
```


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

```
.border{ border-color:rgb(192, 167, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 167, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2906, 40.7374, 30.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 140) }
```

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

```
.background{ background-color: rgb(192,  
167, 140) }
```

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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