

Converting Colors

XYZ(40.3025, 40.2266, 25.8899)

Have a look what the booklet for
XYZ(40.3025, 40.2266, 25.8899)
contains.

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Color

**XYZ(40.3774, 40.3391,
26.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A580
RGB	197, 165, 128
RGB Percent	77%, 65%, 50%
CMY	0.2275, 0.3529, 0.4980
CMYK	0.00, 0.16, 0.35, 0.23
HSL	32°, 37%, 64%
HSV	32°, 35%, 77%
XYZ	40.3774, 40.3391, 26.0802
YIQ	170.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

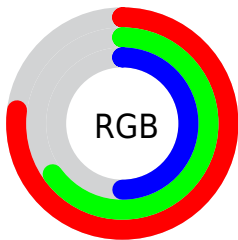
Format	Color
RYB	188, 197, 128
Decimal	12952960
CIELab	69.71, 6.43, 23.57
CIELCh	70, 24.430, 74.745
Yxy	40.3391, 0.3781, 0.3777
Android (android.graphics.Color)	4291143040 (0xFFC5A580)
YUV	170.3500, -20.8785, 23.3721
Hunter-Lab	63.5131, 2.3306, 20.1131

Details

The XYZ color **40.3774, 40.3391, 26.0802** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5506, 33.7610, 57.6771**, and the grayscale version is **38.4742, 40.4779, 44.0804**.

A 20% lighter version of the original color is **75.1737, 75.7826, 54.3815**, and **18.4356, 18.1111, 9.7319** is the 20% darker color. If you saturate the color by 10%, you get **37.6155, 36.6928, 19.3715**, and if you desaturate by 10%, it is **43.5108, 44.3253, 34.1556**.

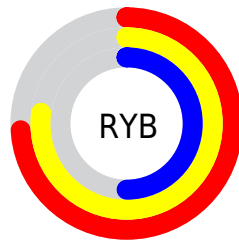
Distribution



Red (77%)

Green (65%)

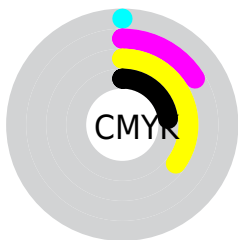
Blue (50%)



Red (74%)

Yellow (77%)

Blue (50%)

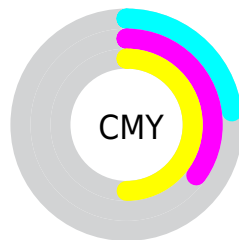


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (23%)



Cyan (23%)


Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3774, 40.3391, 26.0802 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 40.3774, 40.3391, 26.0802 by changing the saturation by 10% instead.


 40.3774, 40.3391,
26.0802


 40.3774, 40.3391,
26.0802


338.8189,
347.5508, 296.7935

 28.0184, 27.8030,
16.6573


 75.0186, 75.6796,
54.3900

 18.4801, 18.1772,
9.8311


 98.0315, 99.2528,
74.1140

 11.3970, 11.0773,
5.1830


 125.3264,
127.2739, 98.1088

 6.4038, 6.1189,
2.2944

157.2687,
160.1272, 126.7929

 3.1351, 2.9175,
0.7281

194.2238,
198.1972, 160.5849

 1.2256, 1.0888,
0.0000

236.5569,

 0.1264, 0.0000,

241.8681, 199.9033

0.0000

284.6335,
291.5245, 245.1667

■ 0.0000, 0.0000,
0.0000

■ 40.3774, 40.3391,
26.0802

■ 40.3774, 40.3391,
26.0802

■ 37.6155, 36.6928,
19.3715

■ 43.5108, 44.3253,
34.1556

■ 35.2050, 33.3700,
13.9493

■ 47.0285, 48.6558,
43.6670

■ 33.1283, 30.3612,
9.7284

■ 50.9463, 53.3422,
54.6817

■ 31.3646, 27.6537,
6.6127

■ 55.2782, 58.3936,
67.2620

■ 29.8902, 25.2339,
4.4904

■ 60.0373, 63.8187,
81.4669

■ 28.6767, 23.0858,
3.2260

■ 65.2363, 69.6260,
97.3520

■ 28.1440, 22.1064,
2.7836

■ 69.0816, 75.1015,
105.4628

■ 71.6754, 80.2891,
106.3274

■ 74.4042, 85.7467,
107.2370

Harmonies

Analogous

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



44.0010, 40.3391, 30.3032



40.3774, 40.3391, 26.0802



36.4376, 40.3391, 26.0448

Triad

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



40.3774, 40.3391, 26.0802



31.4458, 40.3391, 49.7033



43.9486, 40.3391, 61.2817

Complementary

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



40.3774, 40.3391, 26.0802



31.5506, 33.7610, 57.6771

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.



40.3098, 40.3391, 68.5359



40.3774, 40.3391, 26.0802



33.1886, 40.3391, 61.1108

Square

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



40.3774, 40.3391, 26.0802



31.4612, 40.3391, 38.4366



36.3744, 40.3391, 68.4684



46.1574, 40.3391, 49.9068

Rectangle

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



40.3774, 40.3391, 26.0802



34.1675, 40.3391, 28.3444



36.3744, 40.3391, 68.4684



42.8415, 40.3391, 64.3633

Sweetspot

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



40.3784, 40.3410, 26.0810



86.8483, 90.3034, 85.4898



37.1081, 29.8542, 37.1566



18.3863, 19.0848, 17.7320



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.



40.3784, 40.3410, 26.0810



68.4894, 67.2190, 37.3403



46.2910, 53.0533, 28.2231



11.0970, 11.5632, 11.2098



18.5959, 14.7091, 1.8590



0.9525, 0.8404, 0.1120

Inverse Universe

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



31.5506, 33.7610, 57.6771



50.3390, 53.6953, 102.3188



27.0497, 24.2397, 56.0765



10.4552, 11.0846, 13.5060



9.1910, 7.7760, 35.7609



0.5075, 0.5128, 1.7174

Previews

White Background



This preview shows how the XYZ color 40.3774, 40.3391, 26.0802 looks on a white background.

Color Contrast Check

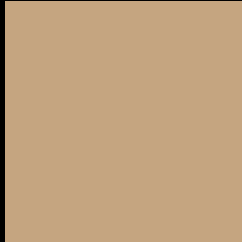
Large Text (above 18pt) WCAG AA × Fail

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 40.3774, 40.3391, 26.0802 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 40.3774, 40.3391, 26.0802

Background



This preview shows how black text looks on a background with the XYZ color 40.3774, 40.3391, 26.0802.



This preview shows how white text looks on a background with the XYZ color 40.3774, 40.3391,

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

40.3774, 40.3391, 26.0802

Protanopia

37.6954, 40.3062, 26.9122

Deuteranopia

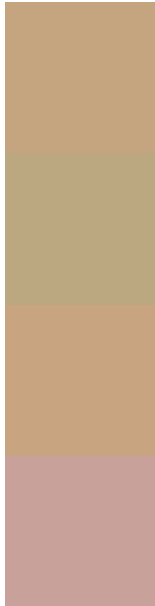
41.0809, 40.1704, 26.0105



Tritanopia

44.1059, 40.2931, 43.9808

Trichromacy



Original Color

40.3774, 40.3391, 26.0802

Protanomaly

38.4586, 40.1550, 26.4926

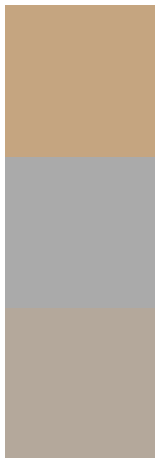
Deuteranomaly

40.9912, 40.3888, 26.0574

Tritanomaly

42.4807, 40.1357, 36.5183

Monochromacy



Original Color

40.3774, 40.3391, 26.0802

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7414, 40.0751, 36.7037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3774, 40.3391, 26.0802 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(197, 165, 128)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 128)  
}
```

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(197, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 128) }
```

Border

The CSS property to change the border of an element to XYZ 40.3774, 40.3391, 26.0802 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(197, 165, 128) }
```


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

```
.border{ border-color:rgb(197, 165, 128) }
```

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

Here you see how a box with a 4 pixel rgb(197, 165, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3774, 40.3391, 26.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 128) }
```

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

```
.background{ background-color: rgb(197,  
165, 128) }
```

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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