

Converting Colors

XYZ(40.4264, 38.9431, 32.5712)

Have a look what the booklet for
XYZ(40.4264, 38.9431, 32.5712)
contains.

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Color

**XYZ(40.5241, 38.9527,
32.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A092
RGB	196, 160, 146
RGB Percent	77%, 63%, 57%
CMY	0.2314, 0.3725, 0.4274
CMYK	0.00, 0.18, 0.26, 0.23
HSL	17°, 30%, 67%
HSV	17°, 26%, 77%
XYZ	40.5241, 38.9527, 32.5769
YIQ	169.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

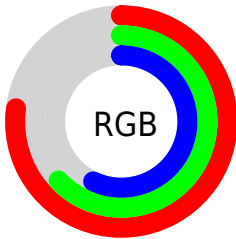
Format	Color
R_{YB}	196, 165, 146
Decimal	12886162
CIE _{Lab}	68.72, 11.16, 12.30
CIE _{LCh}	69, 16.609, 47.765
Yxy	38.9527, 0.3616, 0.3476
Android (android.graphics.Color)	4291076242 (0xFFC4A092)
YUV	169.1680, -11.4218, 23.5317
Hunter-Lab	62.4121, 6.6787, 12.7412

Details

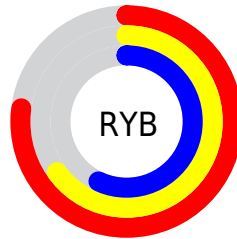
The XYZ color **40.5241, 38.9527, 32.5769** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5455, 43.5513, 58.5995**, and the grayscale version is **37.8419, 39.8126, 43.3559**.

A 20% lighter version of the original color is **75.2338, 73.6537, 64.8949**, and **18.4584, 17.2324, 13.4196** is the 20% darker color. If you saturate the color by 10%, you get **36.8195, 33.7778, 24.4538**, and if you desaturate by 10%, it is **44.7698, 44.7911, 42.1709**.

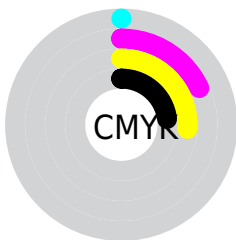
Distribution



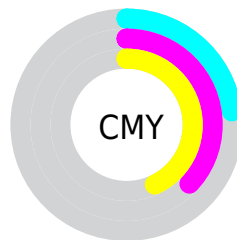
- Red (77%)
- Green (63%)
- Blue (57%)



- Red (77%)
- Yellow (65%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5241, 38.9527, 32.5769 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 40.5241, 38.9527, 32.5769 by changing the saturation by 10% instead.


 40.5241, 38.9527,
32.5769


 40.5241, 38.9527,
32.5769


339.4243,
341.6893, 328.3122

 28.1334, 26.7229,
21.5341


 75.2402, 73.5661,
64.8228

 18.5672, 17.3652,
13.3199


 98.2964, 96.7184,
86.8629

 11.4601, 10.4952,
7.5159


125.6384,
124.2805, 113.4059

 6.4468, 5.7285,
3.7035

157.6317,
156.6366, 144.8702

 3.1618, 2.6807,
1.4641

194.6416,
194.1711, 181.6745

 1.2399, 0.9674,
0.1910

237.0334,

 0.1375, 0.0000,

237.2685, 224.2372

0.0000

285.1725,
286.3131, 272.9770

■ 0.0000, 0.0000,
0.0000

■ 40.5241, 38.9527,
32.5769

■ 40.5241, 38.9527,
32.5769

■ 36.8195, 33.7778,
24.4538

■ 44.7698, 44.7911,
42.1709

■ 33.6304, 29.2371,
17.7259

■ 49.5748, 51.3102,
53.3014

■ 30.9336, 25.3073,
12.3144

■ 54.9601, 58.5332,
66.0333

■ 28.7027, 21.9611,
8.1313

■ 60.9447, 66.4806,
80.4267

■ 26.9087, 19.1695,
5.0782

■ 67.5467, 75.1721,
96.5387

■ 25.5188, 16.9002,
3.0410

■ 73.3672, 84.0600,
106.9661

■ 24.4944, 15.1173,
1.8797

■ 76.5751, 90.4758,
108.0354

■ 24.1263, 14.4583,
1.5191

Harmonies

Analogous

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



42.0459, 38.9527, 38.1496



40.5241, 38.9527, 32.5769



38.1044, 38.9527, 29.7860

Triad

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



40.5241, 38.9527, 32.5769



32.3023, 38.9527, 39.4200



38.5863, 38.9527, 57.7376

Complementary

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



40.5241, 38.9527, 32.5769



38.5455, 43.5513, 58.5995

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.



35.9630, 38.9527, 58.1826



40.5241, 38.9527, 32.5769



32.4176, 38.9527, 46.9825

Square

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



40.5241, 38.9527, 32.5769



33.4074, 38.9527, 33.4118



33.7303, 38.9527, 54.0527



40.8913, 38.9527, 52.9006

Rectangle

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



40.5241, 38.9527, 32.5769



36.3450, 38.9527, 29.6314



33.7303, 38.9527, 54.0527



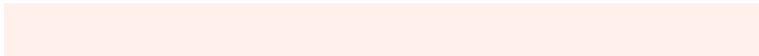
37.7102, 38.9527, 58.4248

Sweetspot

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



40.5251, 38.9545, 32.5777



87.4301, 89.7400, 91.0081



41.5568, 35.6990, 49.3188



18.4235, 18.8152, 18.8050



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.



40.5251, 38.9545, 32.5777



69.2862, 64.8219, 49.9085



45.1634, 48.2311, 34.1238



10.2978, 10.5270, 10.5510



15.5657, 9.4171, 0.9973



0.7328, 0.5274, 0.0632

Inverse Universe

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



38.5455, 43.5513, 58.5995



65.0425, 74.6429, 105.5872



33.9884, 34.4372, 57.0805



10.1224, 10.9361, 12.8622



12.6080, 14.9724, 35.7821



0.6005, 0.7584, 1.5646

Previews

White Background



This preview shows how the XYZ color 40.5241, 38.9527, 32.5769 looks on a white background.

Color Contrast Check

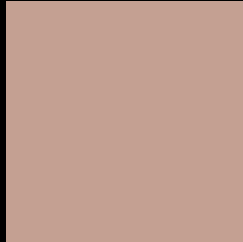
Large Text (above 18pt) WCAG AA × Fail

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 40.5241, 38.9527, 32.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

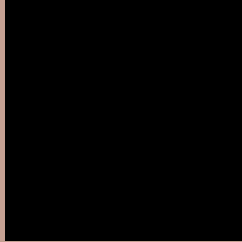
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5241, 38.9527, 32.5769

Background



This preview shows how black text looks on a background with the XYZ color 40.5241, 38.9527, 32.5769.



This preview shows how white text looks on a background with the XYZ color 40.5241, 38.9527,

32.5769.

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

40.5241, 38.9527, 32.5769

Protanopia

37.0029, 38.9534, 34.4227

Deuteranopia

39.8469, 39.1225, 32.6454



Tritanopia

42.7716, 39.1206, 42.8328

Trichromacy



Original Color

40.5241, 38.9527, 32.5769

Protanomaly

38.2287, 38.7881, 33.9058

Deuteranomaly

39.9255, 38.9025, 32.5988

Tritanomaly

41.9486, 39.0327, 39.0413

Monochromacy



Original Color

40.5241, 38.9527, 32.5769

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.6596, 39.4294, 39.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5241, 38.9527, 32.5769 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, 160, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 160, 146)  
}
```

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, 160, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 160, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.5241, 38.9527, 32.5769 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, 160, 146) }
```


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

```
.border{ border-color:rgb(196, 160, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 160, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 160, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 160, 146);  
box-shadow:4px 4px 4px 4px rgb(196, 160,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5241, 38.9527, 32.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 160, 146) }
```

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

```
.background{ background-color: rgb(196,  
160, 146) }
```

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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