

Converting Colors

XYZ(38.0494, 38.4036, 23.1767)

Have a look what the booklet for
XYZ(38.0494, 38.4036, 23.1767)
contains.

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Color

**XYZ(38.0487, 38.4032,
23.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A278
RGB	192, 162, 120
RGB Percent	75%, 64%, 47%
CMY	0.2471, 0.3647, 0.5294
CMYK	0.00, 0.16, 0.37, 0.25
HSL	35°, 36%, 61%
HSV	35°, 37%, 75%
XYZ	38.0487, 38.4032, 23.1765
YIQ	166.1820, 31.3620, -6.7020

Conversions

Conversions Part 2

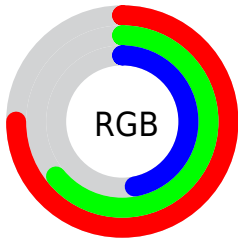
Format	Color
RYB	171, 192, 120
Decimal	12624504
CIELab	68.32, 5.07, 25.96
CIElCh	68, 26.448, 78.958
Yxy	38.4032, 0.3819, 0.3855
Android (android.graphics.Color)	4290814584 (0xFFC0A278)
YUV	166.1820, -22.7677, 22.6424
Hunter-Lab	61.9703, 1.1479, 21.2051

Details

The XYZ color **38.0487, 38.4032, 23.1765** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.1661, 29.6105, 54.1000**, and the grayscale version is **36.4304, 38.3276, 41.7388**.

A 20% lighter version of the original color is **71.4226, 72.7826, 49.8192**, and **17.1383, 17.1422, 8.3667** is the 20% darker color. If you saturate the color by 10%, you get **35.6341, 35.2554, 17.1879**, and if you desaturate by 10%, it is **40.7886, 41.8273, 30.4271**.

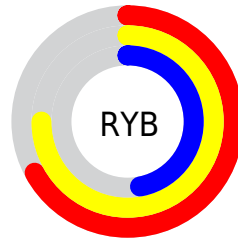
Distribution



Red (75%)

Green (64%)

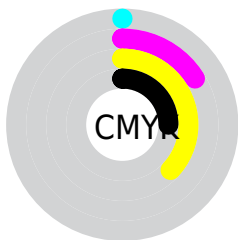
Blue (47%)



Red (67%)

Yellow (75%)

Blue (47%)

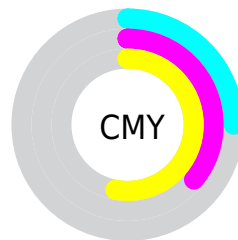


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0487, 38.4032, 23.1765 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 38.0487, 38.4032, 23.1765 by changing the saturation by 10% instead.


 38.0487, 38.4032,
23.1765


 38.0487, 38.4032,
23.1765


329.1061,
339.3464, 281.7815

 26.1979, 26.2958,
14.5174


 71.4862, 72.7257,
49.6098

 17.1052, 17.0450,
8.3385


 93.8036, 95.7096,
68.2211

 10.4053, 10.2666,
4.2215


 120.3405,
123.0878, 90.9869

 5.7328, 5.5761,
1.7476

151.4624,
155.2446, 118.3256

 2.7224, 2.5891,
0.3931

187.5345,
192.5645, 150.6559

 1.0087, 0.9212,
0.0000

228.9223,

 0.0000, 0.0000,

235.4318, 188.3963

0.0000

275.9910,
284.2310, 231.9653

■ 38.0487, 38.4032,
23.1765

■ 38.0487, 38.4032,
23.1765

■ 35.6341, 35.2554,
17.1879

■ 40.7886, 41.8273,
30.4271

■ 33.5261, 32.3697,
12.3843

■ 43.8653, 45.5308,
39.0056

■ 31.7085, 29.7381,
8.6842

■ 47.2933, 49.5232,
48.9764

■ 30.1619, 27.3502,
5.9944

■ 51.0853, 53.8123,
60.3985

■ 28.8640, 25.1942,
4.2059

■ 55.2534, 58.4050,
73.3279

■ 27.7832, 23.2544,
3.1621

■ 59.8088, 63.3084,
87.8175

■ 27.5337, 22.7974,
2.9492

■ 64.7625, 68.5290,
103.9175

■ 66.9833, 72.8167,
105.1324

■ 69.2094, 77.2688,
105.8744

Harmonies

Analogous

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



41.9875, 38.4032, 26.8552



38.0487, 38.4032, 23.1765



33.9729, 38.4032, 23.7311

Triad

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



38.0487, 38.4032, 23.1765



29.4713, 38.4032, 49.6759



42.8474, 38.4032, 58.6613

Complementary

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



38.0487, 38.4032, 23.1765



28.1661, 29.6105, 54.1000

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.



39.1517, 38.4032, 67.3257



38.0487, 38.4032, 23.1765



31.5147, 38.4032, 61.4979

Square

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



38.0487, 38.4032, 23.1765



29.2251, 38.4032, 37.5941



34.9960, 38.4032, 68.4522



44.8944, 38.4032, 46.3397

Rectangle

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



38.0487, 38.4032, 23.1765



31.7164, 38.4032, 26.4601



34.9960, 38.4032, 68.4522



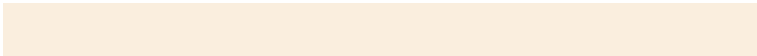
41.7443, 38.4032, 62.1903

Sweetspot

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



38.0497, 38.4050, 23.1773



83.3336, 87.0118, 81.7992



33.9599, 26.8418, 32.2456



17.6947, 18.4540, 17.0147



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.



38.0497, 38.4050, 23.1773



65.3038, 64.8603, 32.9120



42.4896, 49.4944, 25.0838



10.5504, 11.0321, 10.6352



18.6056, 15.4969, 2.0106



0.8707, 0.8031, 0.1091

Inverse Universe

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



28.1661, 29.6105, 54.1000



44.8310, 46.6553, 97.0028



24.8355, 21.6748, 52.7438



9.8654, 10.4220, 12.7765



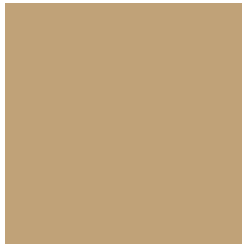
8.4050, 6.5666, 34.3811



0.4311, 0.4196, 1.5082

Previews

White Background



This preview shows how the XYZ color 38.0487, 38.4032, 23.1765 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 38.0487, 38.4032, 23.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

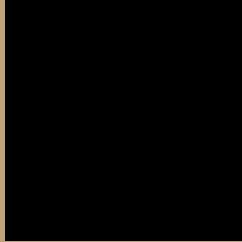
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0487, 38.4032, 23.1765

Background



This preview shows how black text looks on a background with the XYZ color 38.0487, 38.4032, 23.1765.



This preview shows how white text looks on a background with the XYZ color 38.0487, 38.4032,

23.1765.

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

38.0487, 38.4032, 23.1765

Protanopia

35.9220, 38.6263, 23.9747

Deuteranopia

39.2497, 38.5034, 23.1325



Tritanopia

41.9823, 38.4744, 42.2594

Trichromacy



Original Color

38.0487, 38.4032, 23.1765

Protanomaly

36.6735, 38.4811, 23.5839

Deuteranomaly

38.9000, 38.5816, 23.1660

Tritanomaly

40.3185, 38.2902, 34.5439

Monochromacy



Original Color

38.0487, 38.4032, 23.1765

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5591, 38.1942, 33.8791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0487, 38.4032, 23.1765 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, 162, 120)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 120)  
}
```

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, 162, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 120) }
```

Border

The CSS property to change the border of an element to XYZ 38.0487, 38.4032, 23.1765 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, 162, 120) }
```


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

```
.border{ border-color:rgb(192, 162, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 162, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 120);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0487, 38.4032, 23.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 120) }
```

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

```
.background{ background-color: rgb(192,  
162, 120) }
```

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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