

Converting Colors

XYZ(38.1656, 37.6144, 26.3679)

Have a look what the booklet for
XYZ(38.1656, 37.6144, 26.3679)
contains.

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Color

**XYZ(38.1656, 37.6144,
26.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	C09F82
RGB	192, 159, 130
RGB Percent	75%, 62%, 51%
CMY	0.2471, 0.3765, 0.4902
CMYK	0.00, 0.17, 0.32, 0.25
HSL	28°, 33%, 63%
HSV	28°, 32%, 75%
XYZ	38.1656, 37.6144, 26.3679
YIQ	165.5610, 28.9770, -2.0230

Conversions

Conversions Part 2

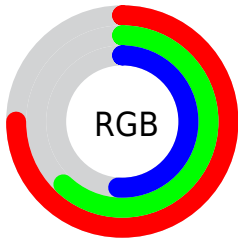
Format	Color
RYB	192, 184, 130
Decimal	12623746
CIELab	67.74, 7.95, 19.71
CIELCh	68, 21.251, 68.037
Yxy	37.6144, 0.3736, 0.3682
Android (android.graphics.Color)	4290813826 (0xFFC09F82)
YUV	165.5610, -17.5316, 23.1870
Hunter-Lab	61.3306, 3.7508, 17.4408

Details

The XYZ color **38.1656, 37.6144, 26.3679** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.8172, 34.7450, 54.8987**, and the grayscale version is **36.1065, 37.9869, 41.3677**.

A 20% lighter version of the original color is **71.6607, 71.6518, 54.8530**, and **17.1271, 16.6227, 9.8952** is the 20% darker color. If you saturate the color by 10%, you get **35.3103, 33.7772, 19.6403**, and if you desaturate by 10%, it is **41.4086, 41.8418, 34.4120**.

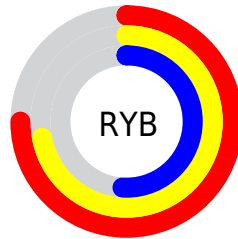
Distribution



Red (75%)

Green (62%)

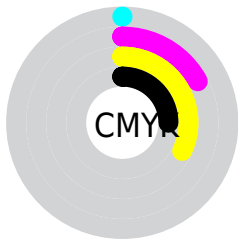
Blue (51%)



Red (75%)

Yellow (72%)

Blue (51%)

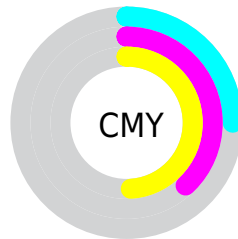


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1656, 37.6144, 26.3679 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 38.1656, 37.6144, 26.3679 by changing the saturation by 10% instead.


 38.1656, 37.6144,
26.3679


 38.1656, 37.6144,
26.3679


329.5984,
335.9629, 298.2462

 26.2890, 25.6836,
16.8708


 71.6642, 71.5167,
54.8592

 17.1738, 16.5871,
9.9815


 94.0169, 94.2570,
74.6906

 10.4546, 9.9405,
5.2812


 120.5923,
121.3692, 98.8037

 5.7659, 5.3595,
2.3516

151.7559,
153.2377, 127.6173

 2.7426, 2.4597,
0.7599

187.8729,
190.2470, 161.5498

 1.0191, 0.8564,
0.0000

229.3088,

 0.0000, 0.0000,

232.7813, 201.0197

0.0000

276.4288,
281.2252, 246.4457

■ 38.1656, 37.6144,
26.3679

■ 38.1656, 37.6144,
26.3679

■ 35.3103, 33.7772,
19.6403

■ 41.4086, 41.8418,
34.4120

■ 32.8229, 30.3128,
14.1551

■ 45.0522, 46.4659,
43.8365

■ 30.6860, 27.2095,
9.8344


■ 49.1122, 51.4996,
54.7040


■ 28.8795, 24.4534,
6.5904


■ 53.6023, 56.9535,
67.0723


■ 27.3805, 22.0290,
4.3224


■ 58.5361, 62.8379,
80.9964


 26.1623, 19.9190,
2.9104

 63.9261, 69.1625,
96.5281

 25.3791, 18.4883,
2.2310

 68.2333, 75.3165,
105.5490

 71.1695, 81.1891,
106.5278

 74.2754, 87.4008,
107.5631

Harmonies

Analogous

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



40.9594, 37.6144, 30.7918



38.1656, 37.6144, 26.3679



34.8756, 37.6144, 25.5308

Triad

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



38.1656, 37.6144, 26.3679



29.8558, 37.6144, 43.5369



39.7855, 37.6144, 56.9156

Complementary

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



38.1656, 37.6144, 26.3679



31.8172, 34.7450, 54.8987

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.



36.6416, 37.6144, 61.6010



38.1656, 37.6144, 26.3679



31.0046, 37.6144, 53.1412

Square

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



38.1656, 37.6144, 26.3679



30.2086, 37.6144, 34.5571



33.4411, 37.6144, 60.1232



41.9338, 37.6144, 48.0991

Rectangle

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



38.1656, 37.6144, 26.3679



32.8644, 37.6144, 26.9765



33.4411, 37.6144, 60.1232



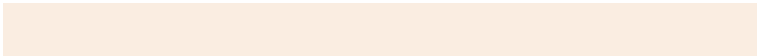
38.8027, 37.6144, 59.0830

Sweetspot

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



38.1666, 37.6161, 26.3687



83.1355, 86.0741, 83.4021



36.3380, 29.8189, 38.5224



17.6201, 18.1967, 17.3229



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.



38.1666, 37.6161, 26.3687



65.2934, 62.9896, 38.6115



44.1667, 49.6163, 28.3687



10.4529, 10.8373, 10.6028



17.1540, 12.5937, 1.5267



0.8101, 0.6820, 0.0889

Inverse Universe

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



31.8172, 34.7450, 54.8987



51.9368, 56.9456, 98.6145



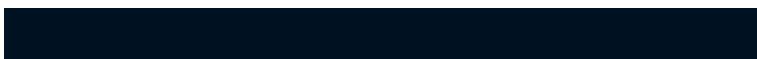
26.9811, 25.0727, 53.2867



9.9621, 10.6156, 12.8088



9.6900, 9.1364, 34.8094



0.4872, 0.5318, 1.5268

Previews

White Background



This preview shows how the XYZ color 38.1656, 37.6144, 26.3679 looks on a white background.

Color Contrast Check

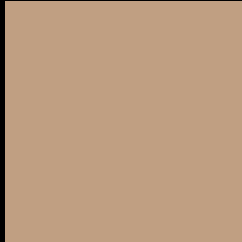
Large Text (above 18pt) WCAG AA × Fail

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 38.1656, 37.6144, 26.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

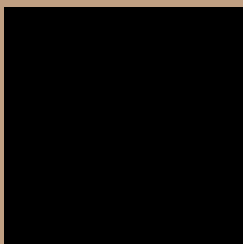
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1656, 37.6144, 26.3679

Background



This preview shows how black text looks on a background with the XYZ color 38.1656, 37.6144, 26.3679.



This preview shows how white text looks on a background with the XYZ color 38.1656, 37.6144,

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

38.1656, 37.6144, 26.3679

Protanopia

35.3680, 37.7177, 27.6064

Deuteranopia

38.4197, 37.7454, 26.3798



Tritanopia

41.2035, 37.6001, 41.1623

Trichromacy



Original Color

38.1656, 37.6144, 26.3679

Protanomaly

36.3181, 37.6841, 27.1894

Deuteranomaly

38.4197, 37.7454, 26.3798

Tritanomaly

40.1439, 37.6789, 35.2939

Monochromacy



Original Color

38.1656, 37.6144, 26.3679

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5262, 37.6083, 35.4710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1656, 37.6144, 26.3679 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, 159, 130)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 130)  
}
```

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, 159, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 130) }
```

Border

The CSS property to change the border of an element to XYZ 38.1656, 37.6144, 26.3679 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, 159, 130) }
```


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

```
.border{ border-color:rgb(192, 159, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 130);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1656, 37.6144, 26.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 130) }
```

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

```
.background{ background-color: rgb(192,  
159, 130) }
```

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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