

Converting Colors

XYZ(38.7159, 37.2033, 28.7326)

Have a look what the booklet for
XYZ(38.7159, 37.2033, 28.7326)
contains.

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Color

**XYZ(38.6520, 37.0524,
28.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	C29C89
RGB	194, 156, 137
RGB Percent	76%, 61%, 54%
CMY	0.2392, 0.3882, 0.4627
CMYK	0.00, 0.20, 0.29, 0.24
HSL	20°, 32%, 65%
HSV	20°, 29%, 76%
XYZ	38.6520, 37.0524, 28.7816
YIQ	165.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

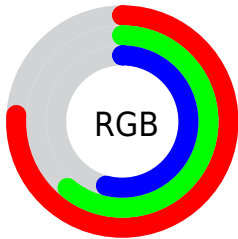
Format	Color
RYB	194, 166, 137
Decimal	12754057
CIELab	67.32, 11.32, 15.29
CIELCh	67, 19.024, 53.503
Yxy	37.0524, 0.3699, 0.3546
Android (android.graphics.Color)	4290944137 (0xFFC29C89)
YUV	165.1960, -13.9006, 25.2611
Hunter-Lab	60.8707, 6.8212, 14.5753

Details

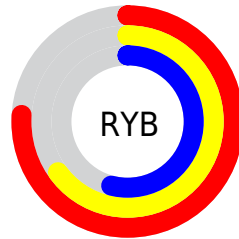
The XYZ color **38.6520, 37.0524, 28.7816** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3838, 39.8723, 56.8704**, and the grayscale version is **35.9140, 37.7843, 41.1472**.

A 20% lighter version of the original color is **72.3722, 70.8155, 58.5695**, and **17.4193, 16.2802, 11.2411** is the 20% darker color. If you saturate the color by 10%, you get **35.3280, 32.4347, 21.4141**, and if you desaturate by 10%, it is **42.4593, 42.2358, 37.5455**.

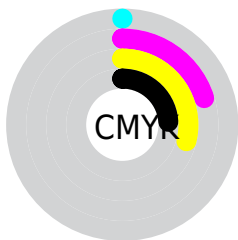
Distribution



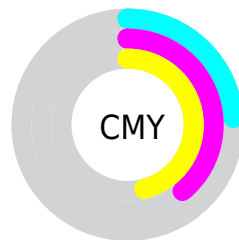
- Red (76%)
- Green (61%)
- Blue (54%)



- Red (76%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6520, 37.0524, 28.7816 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 38.6520, 37.0524, 28.7816 by changing the saturation by 10% instead.


 38.6520, 37.0524,
28.7816


 38.6520, 37.0524,
28.7816


331.6414,
333.5373, 310.2117


 26.6686, 25.2481,
18.6715


 72.4039, 70.6534,
58.7679

 17.4598, 16.2620,
11.2588


 94.9031, 93.2188,
79.4813

 10.6602, 9.7097,
6.1248


 121.6383,
120.1400, 104.5661

 5.9044, 5.2069,
2.8511

152.9748,
151.8015, 134.4410

 2.8272, 2.3692,
1.0191

189.2780,
188.5876, 169.5245

 1.0630, 0.8100,
0.0000

230.9133,

 0.0000, 0.0000,

230.8826, 210.2350

0.0000

278.2459,
279.0711, 256.9913

■ 38.6520, 37.0524,
28.7816

■ 38.6520, 37.0524,
28.7816

■ 35.3280, 32.4347,
21.4141

■ 42.4593, 42.2358,
37.5455

■ 32.4637, 28.3577,
15.3677

■ 46.7662, 47.9984,
47.7711

■ 30.0379, 24.8022,
10.5634

■ 51.5919, 54.3598,
59.5226

■ 28.0263, 21.7457,
6.9126

■ 56.9537, 61.3370,
72.8593

■ 26.4019, 19.1638,
4.3150

■ 62.8679, 68.9463,
87.8376

■ 25.1337, 17.0296,
2.6526

■ 69.3502, 77.2035,
104.5109

■ 24.1728, 15.3080,
1.7152

■ 73.4153, 84.9235,
107.1302

■ 24.1202, 15.2133,
1.6652

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



40.6030, 37.0524, 34.2832



38.6520, 37.0524, 28.7816



35.8543, 37.0524, 26.4217

Triad

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



38.6520, 37.0524, 28.7816



29.9439, 37.0524, 38.5572



37.4967, 37.0524, 56.9001

Complementary

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



38.6520, 37.0524, 28.7816



35.3838, 39.8723, 56.8704

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.



34.5877, 37.0524, 58.4570



38.6520, 37.0524, 28.7816



30.3301, 37.0524, 47.0795

Square

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



38.6520, 37.0524, 28.7816



30.9069, 37.0524, 31.5415



31.9922, 37.0524, 54.6495



39.9107, 37.0524, 50.6479

Rectangle

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



38.6520, 37.0524, 28.7816



33.9265, 37.0524, 26.6790



31.9922, 37.0524, 54.6495



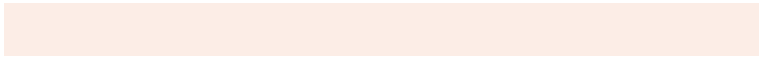
36.5403, 37.0524, 58.0225

Sweetspot

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



38.6530, 37.0541, 28.7824



84.9254, 87.2224, 87.0235



38.9320, 32.4563, 44.7706



18.3307, 18.7459, 18.4156



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.



38.6530, 37.0541, 28.7824



66.2092, 61.8472, 43.6139



44.0084, 47.7649, 30.5675



10.3415, 10.6143, 10.5656



15.9263, 10.1384, 1.1175



0.7523, 0.5664, 0.0697

Inverse Universe

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



35.3838, 39.8723, 56.8704



59.3565, 67.7301, 102.4146



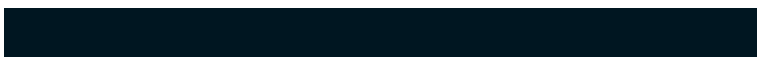
30.4107, 29.9262, 55.2127



10.0765, 10.8443, 12.8469



11.6692, 13.0949, 35.4692



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 38.6520, 37.0524, 28.7816 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 38.6520, 37.0524, 28.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

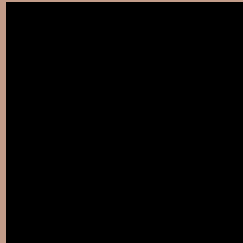
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6520, 37.0524, 28.7816

Background



This preview shows how black text looks on a background with the XYZ color 38.6520, 37.0524, 28.7816.



This preview shows how white text looks on a background with the XYZ color 38.6520, 37.0524,

28.7816.

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

38.6520, 37.0524, 28.7816

Protanopia

35.0964, 37.2447, 30.5385

Deuteranopia

37.9774, 37.2070, 28.8470



Tritanopia

40.9550, 37.0071, 40.1065

Trichromacy



Original Color

38.6520, 37.0524, 28.7816

Protanomaly

36.3009, 37.0865, 30.0561

Deuteranomaly

38.0582, 36.9965, 28.8021

Tritanomaly

39.9889, 36.8513, 35.5772

Monochromacy



Original Color

38.6520, 37.0524, 28.7816

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.7412, 37.4373, 36.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6520, 37.0524, 28.7816 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(194, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(194, 156, 137)  
}
```

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(194, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 156, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.6520, 37.0524, 28.7816 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(194, 156, 137) }
```


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

```
.border{ border-color:rgb(194, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(194, 156,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6520, 37.0524, 28.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 156, 137) }
```

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

```
.background{ background-color: rgb(194,  
156, 137) }
```

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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