

Converting Colors

XYZ(37.7454, 37.8832, 30.6553)

Have a look what the booklet for
XYZ(37.7454, 37.8832, 30.6553)
contains.

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Color

**XYZ(37.5602, 37.7271,
30.5017)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A18D
RGB	185, 161, 141
RGB Percent	73%, 63%, 55%
CMY	0.2745, 0.3686, 0.4471
CMYK	0.00, 0.13, 0.24, 0.27
HSL	27°, 24%, 64%
HSV	27°, 24%, 73%
XYZ	37.5602, 37.7271, 30.5017
YIQ	165.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

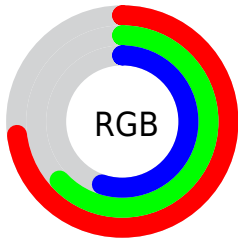
Format	Color
RYB	185, 178, 141
Decimal	12165517
CIELab	67.82, 5.63, 13.65
CIElCh	68, 14.766, 67.600
Yxy	37.7271, 0.3550, 0.3566
Android (android.graphics.Color)	4290355597 (0xFFB9A18D)
YUV	165.8960, -12.2737, 16.7542
Hunter-Lab	61.4224, 1.6648, 13.5529

Details

The XYZ color **37.5602, 37.7271, 30.5017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1964, 36.0749, 51.1128**, and the grayscale version is **36.2465, 38.1341, 41.5281**.

A 20% lighter version of the original color is **70.6818, 71.7526, 61.7541**, and **16.8243, 16.7325, 12.2405** is the 20% darker color. If you saturate the color by 10%, you get **34.6047, 33.8379, 23.2831**, and if you desaturate by 10%, it is **40.8900, 41.9963, 38.9804**.

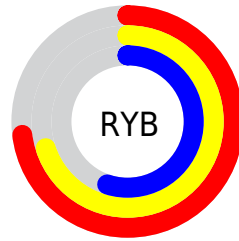
Distribution



Red (73%)

Green (63%)

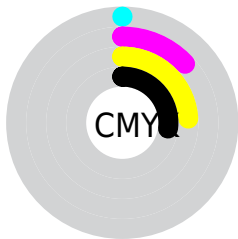
Blue (55%)



Red (73%)

Yellow (70%)

Blue (55%)

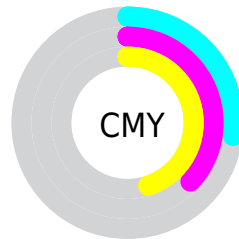


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5602, 37.7271, 30.5017 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 37.5602, 37.7271, 30.5017 by changing the saturation by 10% instead.


 37.5602, 37.7271,
30.5017


 37.5602, 37.7271,
30.5017


327.0431,
336.4478, 318.5158


 25.8172, 25.7710,
19.9644


 70.7418, 71.6897,
61.5250

 16.8189, 16.6524,
12.1854


 92.9111, 94.4649,
82.8482

 10.1999, 9.9869,
6.7460


 119.2865,
121.6152, 108.6037

 5.5950, 5.3903,
3.2277

150.2334,
153.5251, 139.2101

 2.6387, 2.4780,
1.2121

186.1172,
190.5789, 175.0860

 0.9657, 0.8656,
0.0000

227.3032,

 0.0000, 0.0000,

233.1610, 216.6499

0.0000

274.1567,
281.6559, 264.3203

■ 37.5602, 37.7271,
30.5017

■ 37.5602, 37.7271,
30.5017

■ 34.6047, 33.8379,
23.2831

■ 40.8900, 41.9963,
38.9804

■ 32.0057, 30.3122,
17.2610

■ 44.6049, 46.6512,
48.7738

■ 29.7483, 27.1401,
12.3697

■ 48.7191, 51.7035,
59.9363

■ 27.8154, 24.3087,
8.5364

■ 53.2449, 57.1631,
72.5183

■ 26.1879, 21.8045,
5.6792

■ 58.1941, 63.0395,
86.5677

■ 24.8443, 19.6125,
3.7045

■ 63.5782, 69.3418,
102.1302

■ 23.7593, 17.7161,
2.4993

■ 66.8104, 75.0398,
105.5706

■ 23.1863, 16.6715,
1.9959

■ 69.7266, 80.8720,
106.5426

■ 72.8083, 87.0355,
107.5699

Harmonies

Analogous

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



39.4560, 37.7271, 33.8645



37.5602, 37.7271, 30.5017



35.2801, 37.7271, 29.8185

Triad

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



37.5602, 37.7271, 30.5017



31.6745, 37.7271, 42.7663



38.6086, 37.7271, 51.8844

Complementary

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



37.5602, 37.7271, 30.5017



33.1964, 36.0749, 51.1128

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.



36.4431, 37.7271, 54.8666



37.5602, 37.7271, 30.5017



32.4865, 37.7271, 49.2502

Square

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



37.5602, 37.7271, 30.5017



31.9451, 37.7271, 36.4643



34.2089, 37.7271, 53.8547



40.0790, 37.7271, 46.0661

Rectangle

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



37.5602, 37.7271, 30.5017



33.8598, 37.7271, 30.8993



34.2089, 37.7271, 53.8547



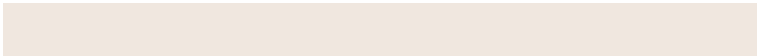
37.9343, 37.7271, 53.2785

Sweetspot

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



37.5612, 37.7288, 30.5025



77.5919, 80.6960, 81.2426



36.3426, 32.0884, 39.9715



16.6413, 17.2891, 17.2868



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5612, 37.7288, 30.5025



64.1780, 63.5245, 47.0019



41.7079, 46.0223, 31.8847



9.3319, 9.6667, 9.4809



15.8587, 11.4937, 1.3827



0.6210, 0.5291, 0.0694

Inverse Universe

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



33.1964, 36.0749, 51.1128



54.8813, 59.9997, 90.8931



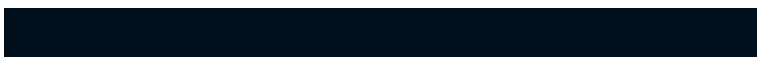
29.5944, 28.8710, 49.9121



8.9160, 9.5093, 11.4450



9.1980, 8.8558, 32.4776



0.3853, 0.4342, 1.1653

Previews

White Background



This preview shows how the XYZ color 37.5602, 37.7271, 30.5017 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 37.5602, 37.7271, 30.5017 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 37.5602, 37.7271, 30.5017

Background



This preview shows how black text looks on a background with the XYZ color 37.5602, 37.7271, 30.5017.



This preview shows how white text looks on a background with the XYZ color 37.5602, 37.7271,

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

37.5602, 37.7271, 30.5017

Protanopia

35.6466, 37.7777, 31.3996

Deuteranopia

38.4411, 37.6665, 30.4436



Tritanopia

39.9574, 37.6699, 42.7011

Trichromacy



Original Color

37.5602, 37.7271, 30.5017

Protanomaly

36.2894, 37.8510, 30.9845

Deuteranomaly

38.1176, 37.7561, 30.4779

Tritanomaly

38.9784, 37.5217, 37.9889

Monochromacy



Original Color

37.5602, 37.7271, 30.5017

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5948, 37.8695, 37.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5602, 37.7271, 30.5017 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(185, 161, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 141)  
}
```

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(185, 161, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.5602, 37.7271, 30.5017 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(185, 161, 141) }
```


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

```
.border{ border-color:rgb(185, 161, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 161, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 141);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5602, 37.7271, 30.5017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 141) }
```

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

```
.background{ background-color: rgb(185,  
161, 141) }
```

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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