

Converting Colors

XYZ(38.3748, 30.6347, 19.1313)

Have a look what the booklet for
XYZ(38.3748, 30.6347, 19.1313)
contains.

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Color

**XYZ(38.5383, 30.7957,
19.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	D77F70
RGB	215, 127, 112
RGB Percent	84%, 50%, 44%
CMY	0.1569, 0.5019, 0.5608
CMYK	0.00, 0.41, 0.48, 0.16
HSL	9°, 56%, 64%
HSV	9°, 48%, 84%
XYZ	38.5383, 30.7957, 19.2422
YIQ	151.6020, 57.2630, 13.9910

Conversions

Conversions Part 2

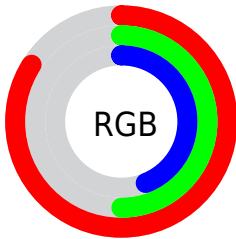
Format	Color
R_{YB}	215, 130, 112
Decimal	14122864
CIE _{Lab}	62.33, 32.42, 22.83
CIE _{LCh}	62, 39.652, 35.144
Yxy	30.7957, 0.4351, 0.3477
Android (android.graphics.Color)	4292312944 (0xFFD77F70)
YUV	151.6020, -19.5238, 55.6000
Hunter-Lab	55.4939, 26.8469, 18.2872

Details

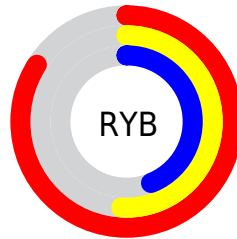
The XYZ color **38.5383, 30.7957, 19.2422** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.6008, 49.6570, 71.7872**, and the grayscale version is **29.7385, 31.2872, 34.0718**.

A 20% lighter version of the original color is **64.4647, 56.9881, 42.7241**, and **17.4145, 12.7071, 6.3854** is the 20% darker color. If you saturate the color by 10%, you get **35.3212, 26.0541, 12.9524**, and if you desaturate by 10%, it is **42.4752, 36.5197, 27.1825**.

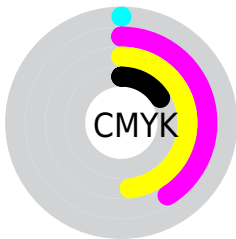
Distribution



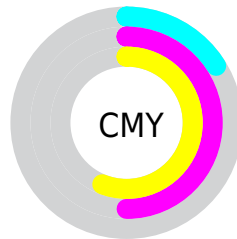
- Red (84%)
- Green (50%)
- Blue (44%)



- Red (84%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (48%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5383, 30.7957, 19.2422 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 38.5383, 30.7957, 19.2422 by changing the saturation by 10% instead.


 38.5383, 30.7957,
19.2422


 38.5383, 30.7957,
19.2422


331.1646,
305.5960, 260.2497


 26.5799, 20.4433,
11.6668


 72.2311, 60.9183,
42.9851


 17.3929, 12.7177,
6.3975


 94.6961, 81.4573,
59.9897

 10.6120, 7.2345,
3.0156


 121.3940,
106.1606, 80.9745

 5.8720, 3.6092,
1.1026

 152.6902,
135.4127, 106.3580

 2.8073, 1.4574,
0.0000

188.9500,
169.5978, 136.5587

 1.0527, 0.2585,
0.0000

230.5387,

 0.0000, 0.0000,

209.1005, 171.9952

0.0000

277.8218,
254.3051, 213.0860

■ 38.5383, 30.7957,
19.2422

■ 38.5383, 30.7957,
19.2422

■ 35.3212, 26.0541,
12.9524

■ 42.4752, 36.5197,
27.1825

■ 32.7775, 22.2348,
8.1946

■ 47.1700, 43.2722,
36.8770

■ 30.8586, 19.2785,
4.8373

■ 52.6607, 51.1023,
48.4228

■ 29.5083, 17.1169,
2.7260

■ 58.9823, 60.0543,
61.9095

■ 28.6548, 15.6688,
1.6434

■ 66.1675, 70.1701,
77.4208

■ 28.5226, 15.4439,
1.4777

■ 74.2473, 81.4896,
95.0355

■ 81.8342, 93.1870,
108.2815

Harmonies

Analogous

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



40.7890, 30.7957, 30.9524



38.5383, 30.7957, 19.2422



33.8224, 30.7957, 13.2386

Triad

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



38.5383, 30.7957, 19.2422



20.8752, 30.7957, 22.5864



30.2048, 30.7957, 72.3845

Complementary

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



38.5383, 30.7957, 19.2422



39.6008, 49.6570, 71.7872

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.



25.1463, 30.7957, 68.1011



38.5383, 30.7957, 19.2422



20.1543, 30.7957, 36.2496

Square

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



38.5383, 30.7957, 19.2422



23.7266, 30.7957, 14.7155



21.6219, 30.7957, 53.5664



35.6167, 30.7957, 63.9421

Rectangle

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



38.5383, 30.7957, 19.2422



30.1520, 30.7957, 11.8732



21.6219, 30.7957, 53.5664



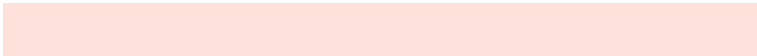
28.4061, 30.7957, 72.4061

Sweetspot

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



38.5391, 30.7973, 19.2428



80.8562, 79.9713, 78.3995



44.3925, 30.2652, 58.9248



16.8863, 16.5211, 15.8869



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.



38.5391, 30.7973, 19.2428



52.1283, 38.5639, 19.3482



46.7172, 47.1534, 21.9688



12.5678, 12.7098, 12.9515



17.1072, 9.3317, 0.8995



1.0795, 0.6583, 0.0702

Inverse Universe

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



39.6008, 49.6570, 71.7872



53.8099, 69.2585, 105.1399



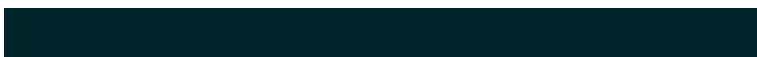
29.8171, 30.0895, 68.5260



12.6308, 13.7851, 15.9326



17.6091, 23.4799, 42.0571



1.1051, 1.5023, 2.5510

Previews

White Background



This preview shows how the XYZ color 38.5383, 30.7957, 19.2422 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 38.5383, 30.7957, 19.2422 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 38.5383, 30.7957, 19.2422

Background



This preview shows how black text looks on a background with the XYZ color 38.5383, 30.7957, 19.2422.



This preview shows how white text looks on a background with the XYZ color 38.5383, 30.7957,

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

38.5383, 30.7957, 19.2422

Protanopia

29.1390, 31.0369, 23.1938

Deuteranopia

31.4761, 30.9386, 18.7808



Tritanopia

40.0566, 30.8605, 26.0358

Trichromacy



Original Color

38.5383, 30.7957, 19.2422

Protanomaly

31.8252, 30.3812, 21.6396

Deuteranomaly

33.6412, 30.5092, 18.8676

Tritanomaly

39.3542, 30.7468, 23.2626

Monochromacy



Original Color

38.5383, 30.7957, 19.2422

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.0170, 30.5650, 27.8791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5383, 30.7957, 19.2422 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(215, 127, 112)` looks like.

```
.text, #text, p{  
    color:rgb(215, 127, 112)  
}
```

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(215, 127, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 127, 112) }
```

Border

The CSS property to change the border of an element to XYZ 38.5383, 30.7957, 19.2422 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(215, 127, 112) }
```


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

```
.border{ border-color:rgb(215, 127, 112) }
```

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

Here you see how a box with a 4 pixel rgb(215, 127, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 127, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 127, 112);  
box-shadow:4px 4px 4px 4px rgb(215, 127,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5383, 30.7957, 19.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 127, 112) }
```

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

```
.background{ background-color: rgb(215,  
127, 112) }
```

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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