

Converting Colors

XYZ(38.9799, 30.7661, 52.5953)

Have a look what the booklet for
XYZ(38.9799, 30.7661, 52.5953)
contains.

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Color

**XYZ(38.8827, 30.6247,
52.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	C081BE
RGB	192, 129, 190
RGB Percent	75%, 51%, 75%
CMY	0.2471, 0.4941, 0.2549
CMYK	0.00, 0.33, 0.01, 0.25
HSL	302°, 33%, 63%
HSV	302°, 33%, 75%
XYZ	38.8827, 30.6247, 52.5770
YIQ	154.7910, 17.9670, 32.3270

Conversions

Conversions Part 2

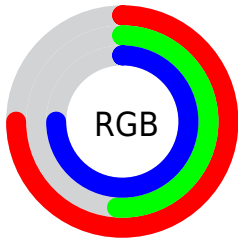
Format	Color
R_{YB}	192, 129, 190
Decimal	12616126
CIE _{Lab}	62.19, 34.15, -22.10
CIE _{LCh}	62, 40.675, 327.094
Yxy	30.6247, 0.3185, 0.2508
Android (android.graphics.Color)	4290806206 (0xFFC081BE)
YUV	154.7910, 17.3580, 32.6323
Hunter-Lab	55.3396, 28.5734, -17.5925

Details

The XYZ color **38.8827, 30.6247, 52.5770** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.0009, 44.0060, 28.2818**, and the grayscale version is **30.9844, 32.5980, 35.4992**.

A 20% lighter version of the original color is **72.6350, 60.6605, 95.0692**, and **17.4849, 12.5447, 24.7924** is the 20% darker color. If you saturate the color by 10%, you get **36.5212, 26.0074, 51.4621**, and if you desaturate by 10%, it is **41.7216, 36.1951, 53.8531**.

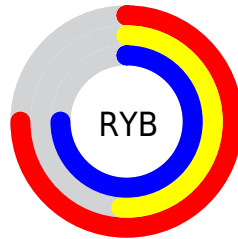
Distribution



Red (75%)

Green (51%)

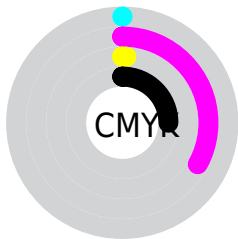
Blue (75%)



Red (75%)

Yellow (51%)

Blue (75%)

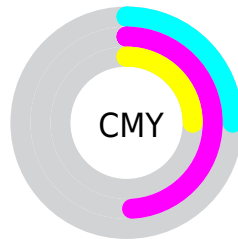


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8827, 30.6247, 52.5770 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 38.8827, 30.6247, 52.5770 by changing the saturation by 10% instead.


 38.8827, 30.6247,
52.5770

 38.8827, 30.6247,
52.5770

332.6073,
304.8056, 413.6803


 26.8488, 20.3132,
37.0798

 72.7543, 60.6487,
95.4169

 17.5957, 12.6229,
24.9730


 95.3227, 81.1300,
123.5966

 10.7580, 7.1694,
15.8381


 122.1334,
105.7701, 156.8409

 5.9705, 3.5683,
9.2566

153.5516,
134.9534, 195.5684

 2.8676, 1.4351,
4.8098

189.9427,
169.0641, 240.1975

 1.0841, 0.2424,
2.0793

231.6721,

 0.0118, 0.0000,

208.4868, 291.1468

0.6034

279.1052,
253.6058, 348.8349

■ 0.0000, 0.0000,
0.0000

■ 38.8827, 30.6247,
52.5770

■ 38.8827, 30.6247,
52.5770

■ 36.5212, 26.0074,
51.4621

■ 41.7216, 36.1951,
53.8531

■ 34.6074, 22.2859,
50.4975

■ 45.0597, 42.7639,
55.2966

■ 33.1132, 19.4029,
49.6740

■ 48.9206, 50.3780,
56.9158

■ 32.0056, 17.2928,
48.9809

■ 53.3260, 59.0806,
58.7178

■ 31.2470, 15.8804,
48.4054

■ 58.2961, 68.9122,
60.7095

■ 30.7923, 15.0752,
47.9326

■ 63.8502, 79.9112,
62.8972

■ 30.5913, 14.7477,
47.6355

■ 67.2662, 86.6337,
64.3736

■ 67.3350, 86.6612,
64.7357

■ 67.4040, 86.6888,
65.0992

Harmonies

Analogous

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



34.1764, 30.6247, 68.0796



38.8827, 30.6247, 52.5770



40.9528, 30.6247, 34.8990

Triad

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



38.8827, 30.6247, 52.5770



29.6455, 30.6247, 11.3722



20.6974, 30.6247, 49.0672

Complementary

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



38.8827, 30.6247, 52.5770



32.0009, 44.0060, 28.2818

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.



19.8002, 30.6247, 31.8380



38.8827, 30.6247, 52.5770



24.5670, 30.6247, 13.0460

Square

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



38.8827, 30.6247, 52.5770



35.2169, 30.6247, 13.8819



21.1261, 30.6247, 19.4887



23.7496, 30.6247, 65.6462

Rectangle

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



38.8827, 30.6247, 52.5770



40.3879, 30.6247, 25.2369



21.1261, 30.6247, 19.4887



20.1518, 30.6247, 43.0268

Sweetspot

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



38.8837, 30.6261, 52.5776



83.4049, 80.9535, 100.9394



26.5797, 24.2577, 53.1510



17.6895, 16.9658, 21.5687



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.



38.8837, 30.6261, 52.5776



67.4466, 49.6082, 93.8589



35.8867, 29.4273, 36.7959



10.4830, 10.2418, 12.6342



20.5901, 9.9258, 32.0834



0.8940, 0.4306, 1.4095

Inverse Universe

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



38.8837, 30.6261, 52.5776



67.4466, 49.6082, 93.8589



34.3857, 44.9599, 40.8401



10.4830, 10.2418, 12.6342



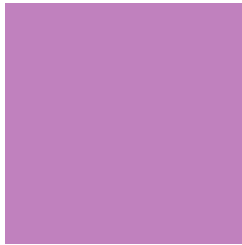
20.5901, 9.9258, 32.0834



0.8940, 0.4306, 1.4095

Previews

White Background



This preview shows how the XYZ color 38.8827, 30.6247, 52.5770 looks on a white background.

Color Contrast Check

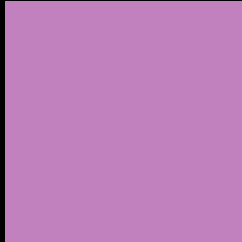
Large Text (above 18pt) WCAG AA × Fail

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 38.8827, 30.6247, 52.5770 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 38.8827, 30.6247, 52.5770

Background



This preview shows how black text looks on a background with the XYZ color 38.8827, 30.6247, 52.5770.



This preview shows how white text looks on a background with the XYZ color 38.8827, 30.6247,

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

38.8827, 30.6247, 52.5770

Protanopia

31.7586, 31.0536, 62.0777

Deuteranopia

31.5922, 30.9707, 51.3266



Tritanopia

34.5407, 30.4685, 32.0775

Trichromacy



Original Color

38.8827, 30.6247, 52.5770

Protanomaly

33.8086, 30.5841, 58.7650

Deuteranomaly

33.7062, 30.4671, 51.6812

Tritanomaly

35.8750, 30.3859, 38.6246

Monochromacy



Original Color

38.8827, 30.6247, 52.5770

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.4952, 31.7098, 41.4010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8827, 30.6247, 52.5770 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, 129, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 190)  
}
```

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, 129, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.8827, 30.6247, 52.5770 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, 129, 190) }
```


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

```
.border{ border-color:rgb(192, 129, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 129, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 129, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 129, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 129,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8827, 30.6247, 52.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 190) }
```

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

```
.background{ background-color: rgb(192,  
129, 190) }
```

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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