

Converting Colors

XYZ(30.7758, 18.0431, 50.5758)

Have a look what the booklet for
XYZ(30.7758, 18.0431, 50.5758)
contains.

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Color

**XYZ(30.7758, 18.0431,
50.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	B646BE
RGB	182, 70, 190
RGB Percent	71%, 27%, 75%
CMY	0.2863, 0.7255, 0.2549
CMYK	0.04, 0.63, 0.00, 0.25
HSL	296°, 48%, 51%
HSV	296°, 63%, 75%
XYZ	30.7758, 18.0431, 50.5758
YIQ	117.1680, 28.2320, 61.0640

Conversions

Conversions Part 2

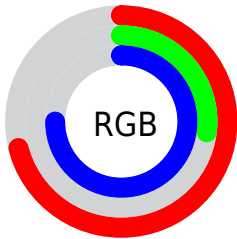
Format	Color
R_{YB}	182, 70, 190
Decimal	11945662
CIE _{Lab}	49.55, 60.81, -41.88
CIE _{LCh}	50, 73.831, 325.446
Yxy	18.0431, 0.3096, 0.1815
Android (android.graphics.Color)	4290135742 (0xFFB646BE)
YUV	117.1680, 35.9062, 56.8577
Hunter-Lab	42.4772, 54.9928, -40.8601

Details

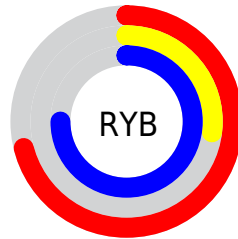
The XYZ color **30.7758, 18.0431, 50.5758** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **22.6614, 38.8892, 12.1072**, and the grayscale version is **16.8475, 17.7248, 19.3023**.

A 20% lighter version of the original color is **60.3977, 40.0834, 92.5492**, and **13.0481, 6.2132, 23.8041** is the 20% darker color. If you saturate the color by 10%, you get **29.4723, 15.8775, 50.2268**, and if you desaturate by 10%, it is **32.4593, 20.9635, 51.0510**.

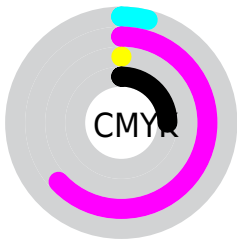
Distribution



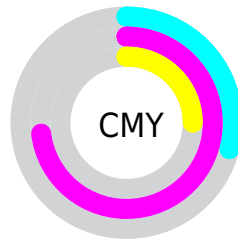
- Red (71%)
- Green (27%)
- Blue (75%)



- Red (71%)
- Yellow (27%)
- Blue (75%)



- Cyan (4%)
- Magenta (63%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (73%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7758, 18.0431, 50.5758 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 30.7758, 18.0431, 50.5758 by changing the saturation by 10% instead.

 30.7758, 18.0431,
50.5758


 30.7758, 18.0431,
50.5758


297.3495,
241.1139, 405.7128


 20.5792, 10.9809,
35.4967

 60.2652, 40.1108,
92.4325


 12.9274, 6.0540,
23.7592

 80.2886, 55.8850,
120.0472


 7.4553, 2.8780,
14.9445


 104.3184, 75.3321,
152.6776

 3.7973, 1.0684,
8.6343

 132.7198, 98.8365,
190.7421

 1.5881, 0.0000,
4.4099

 165.8583,
126.7824, 234.6594

 0.3846, 0.0000,
1.8528

204.0992,

 0.0000, 0.0000,

159.5544, 284.8479

0.4624

247.8078,
197.5367, 341.7262

■ 0.0000, 0.0000,
0.0000

■ 30.7758, 18.0431,
50.5758

■ 30.7758, 18.0431,
50.5758

■ 29.4723, 15.8775,
50.2268

■ 32.4593, 20.9635,
51.0510

■ 28.5097, 14.3906,
49.9905

■ 34.5529, 24.7004,
51.6620

■ 27.8447, 13.4945,
49.8526

■ 37.0857, 29.3120,
52.4186

■ 27.5021, 13.1042,
49.7953

■ 40.0841, 34.8504,
53.3296

■ 43.5719, 41.3637,
54.4030

■ 47.5715, 48.8967,
55.6462

■ 52.1040, 57.4913,
57.0662

■ 57.1892, 67.1871,
58.6697

■ 62.8458, 78.0217,
60.4628

Harmonies

Analogous

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



23.5986, 18.0431, 78.9571



30.7758, 18.0431, 50.5758



34.3453, 18.0431, 22.8646

Triad

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



30.7758, 18.0431, 50.5758



18.2393, 18.0431, 0.8271



7.6487, 18.0431, 41.2667

Complementary

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



30.7758, 18.0431, 50.5758



22.6614, 38.8892, 12.1072

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.



6.9356, 18.0431, 16.7444



30.7758, 18.0431, 50.5758



11.9973, 18.0431, 1.3549

Square

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



30.7758, 18.0431, 50.5758



25.9608, 18.0431, 1.9368



8.2890, 18.0431, 4.8999



10.5984, 18.0431, 71.4781

Rectangle

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



30.7758, 18.0431, 50.5758



33.6461, 18.0431, 11.0722



8.2890, 18.0431, 4.8999



7.1807, 18.0431, 31.7877

Sweetspot

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



30.7765, 18.0439, 50.5762



74.9624, 67.4815, 97.3534



14.5452, 10.4694, 49.9696



16.0739, 14.0973, 21.2591



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.



30.7765, 18.0439, 50.5762



52.6263, 27.5338, 90.8200



28.0134, 17.1632, 25.8820



9.8655, 9.6630, 12.0174



18.3136, 8.7271, 33.1122



0.7364, 0.3517, 1.2979

Inverse Universe

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



24.8011, 15.8783, 8.9662



41.2304, 23.4698, 8.4701



24.4527, 39.5346, 24.7555



9.5553, 9.5464, 10.0471



14.1780, 7.3024, 0.9650



0.5643, 0.2896, 0.0847

Previews

White Background



This preview shows how the XYZ color 30.7758, 18.0431, 50.5758 looks on a white background.

Color Contrast Check

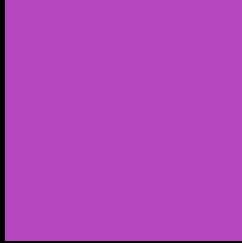
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.7758, 18.0431, 50.5758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

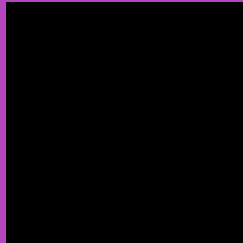
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7758, 18.0431, 50.5758

Background



This preview shows how black text looks on a background with the XYZ color 30.7758, 18.0431, 50.5758.



This preview shows how white text looks on a background with the XYZ color 30.7758, 18.0431,

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

30.7758, 18.0431, 50.5758

Protanopia

21.7095, 18.4417, 78.7593

Deuteranopia

18.7597, 18.3127, 46.8019



Tritanopia

23.4256, 18.0029, 15.0722

Trichromacy



Original Color

30.7758, 18.0431, 50.5758



Protanomaly

21.6114, 16.1780, 67.6293



Deuteranomaly

21.2958, 16.8751, 48.0337



Tritanomaly

25.4606, 17.6796, 24.9923

Monochromacy



Original Color

30.7758, 18.0431, 50.5758



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

20.5757, 16.7907, 28.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7758, 18.0431, 50.5758 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(182, 70, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 70, 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(182, 70, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 70, 190) }
```

Border

The CSS property to change the border of an element to XYZ 30.7758, 18.0431, 50.5758 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(182, 70, 190) }
```


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

```
.border{ border-color:rgb(182, 70, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 70, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 70, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 70, 190); box-shadow:4px 4px 4px 4px rgb(182, 70, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7758, 18.0431, 50.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 70, 190) }
```

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

```
.background{ background-color: rgb(182, 70,  
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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