

Converting Colors

XYZ(19.0051, 11.1476, 48.7270)

Have a look what the booklet for
XYZ(19.0051, 11.1476, 48.7270)
contains.

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Color

**XYZ(19.0051, 11.1476,
48.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3CBC
RGB	124, 60, 188
RGB Percent	49%, 24%, 74%
CMY	0.5137, 0.7647, 0.2627
CMYK	0.34, 0.68, 0.00, 0.26
HSL	270°, 52%, 49%
HSV	270°, 68%, 74%
XYZ	19.0051, 11.1476, 48.7270
YIQ	93.7280, -2.9440, 53.3760

Conversions

Conversions Part 2

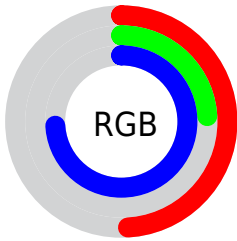
Format	Color
R_{YB}	124, 60, 188
Decimal	8142012
CIE _{Lab}	39.83, 51.74, -56.72
CIE _{LCh}	40, 76.778, 312.370
Yxy	11.1476, 0.2409, 0.1413
Android (android.graphics.Color)	4286332092 (0xFF7C3CBC)
YUV	93.7280, 46.4761, 26.5485
Hunter-Lab	33.3880, 43.1766, -63.1571

Details

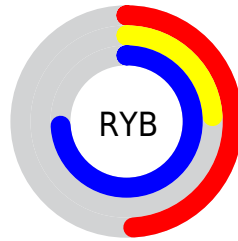
The XYZ color **19.0051, 11.1476, 48.7270** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **27.1110, 40.5779, 10.6786**, and the grayscale version is **10.4701, 11.0154, 11.9958**.

A 20% lighter version of the original color is **41.3317, 28.0047, 89.6132**, and **6.6870, 2.9502, 22.7713** is the 20% darker color. If you saturate the color by 10%, you get **16.8952, 8.8487, 48.3947**, and if you desaturate by 10%, it is **21.5953, 14.2136, 49.1825**.

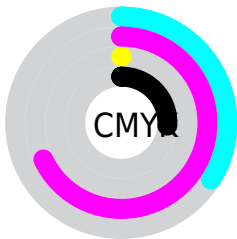
Distribution



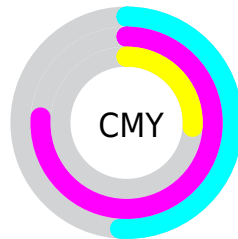
- Red (49%)
- Green (24%)
- Blue (74%)



- Red (49%)
- Yellow (24%)
- Blue (74%)



- Cyan (34%)
- Magenta (68%)
- Yellow (0%)
- Black (26%)



- Cyan (51%)
- Magenta (76%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0051, 11.1476, 48.7270 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 19.0051, 11.1476, 48.7270 by changing the saturation by 10% instead.

19.0051, 11.1476,
48.7270

19.0051, 11.1476,
48.7270

239.4145,
198.6774, 398.2581

11.7780, 6.1662,
34.0389

41.2595, 27.9328,
89.6626

6.6638, 2.9464,
22.6459

57.0175, 40.5054,
116.7473

3.2972, 1.1038,
14.1294

76.3499, 56.3771,
148.8011

1.3128, 0.0000,
8.0709

99.6220, 75.9324,
186.2428

0.1928, 0.0000,
4.0520

127.1991, 99.5557,
229.4908

0.0000, 0.0000,
1.6539

159.4467,

0.0000, 0.0000,

127.6314, 278.9636

0.3288

196.7300,
160.5438, 335.0799

■ 0.0000, 0.0000,
0.0000

■ 19.0051, 11.1476,
48.7270

■ 19.0051, 11.1476,
48.7270

■ 16.8952, 8.8487,
48.3947

■ 21.5953, 14.2136,
49.1825

■ 15.2214, 7.2357,
48.1716

■ 24.7011, 18.1138,
49.7716

■ 13.9194, 6.1852,
48.0374

■ 28.3556, 22.9093,
50.5046

■ 13.6935, 6.0107,
48.0157

■ 32.5887, 28.6548,
51.3905

■ 37.4279, 35.4006,
52.4375

■ 42.8986, 43.1934,
53.6534

■ 49.0249, 52.0769,
55.0452

■ 55.8295, 62.0922,
56.6197

■ 63.3339, 73.2782,
58.3833

Harmonies

Analogous

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



12.9199, 11.1476, 68.3547



19.0051, 11.1476, 48.7270



23.4978, 11.1476, 23.2311

Triad

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



19.0051, 11.1476, 48.7270



13.9735, 11.1476, 0.0000



3.4557, 11.1476, 19.4838

Complementary

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



19.0051, 11.1476, 48.7270



27.1110, 40.5779, 10.6786

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.



3.5711, 11.1476, 5.2950



19.0051, 11.1476, 48.7270



8.5680, 11.1476, 0.0000

Square

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



19.0051, 11.1476, 48.7270



19.9933, 11.1476, 1.2004



5.1250, 11.1476, 0.8351



4.7301, 11.1476, 44.1194

Rectangle

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



19.0051, 11.1476, 48.7270



24.3022, 11.1476, 10.9759



5.1250, 11.1476, 0.8351



3.3494, 11.1476, 13.3790

Sweetspot

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



19.0056, 11.1480, 48.7273



65.7671, 61.2538, 94.5831



18.1485, 19.0071, 50.2894



13.6036, 12.4181, 20.2225



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



19.0056, 11.1480, 48.7273



28.9317, 14.3550, 87.4721



31.4322, 17.5541, 49.3088



9.4587, 9.4534, 11.9984



9.4090, 4.1366, 32.6954



0.4440, 0.2009, 1.2842

Inverse Universe

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



25.9931, 15.3785, 20.6668



43.5564, 23.2094, 28.7420



20.6625, 37.2536, 10.3768



9.7237, 9.6138, 10.9342



15.5333, 7.8445, 8.1017



0.6415, 0.3205, 0.4913

Previews

White Background



This preview shows how the XYZ color 19.0051, 11.1476, 48.7270 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 19.0051, 11.1476, 48.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

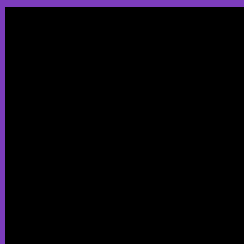
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0051, 11.1476, 48.7270

Background



This preview shows how black text looks on a background with the XYZ color 19.0051, 11.1476, 48.7270.



This preview shows how white text looks on a background with the XYZ color 19.0051, 11.1476,

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

19.0051, 11.1476, 48.7270

Protanopia

13.2555, 11.2879, 51.3493

Deuteranopia

11.2508, 11.1929, 38.6133



Tritanopia

11.6276, 11.0535, 12.5870

Trichromacy



Original Color

19.0051, 11.1476, 48.7270

Protanomaly

13.3548, 10.0568, 50.5275

Deuteranomaly

11.9133, 9.8395, 41.8288

Tritanomaly

13.4969, 10.5445, 22.0928

Monochromacy



Original Color

19.0051, 11.1476, 48.7270

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.7393, 10.5964, 21.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0051, 11.1476, 48.7270 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(124, 60, 188)` looks like.

```
.text, #text, p{  
    color:rgb(124, 60, 188)  
}
```

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(124, 60, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 60, 188) }
```

Border

The CSS property to change the border of an element to XYZ 19.0051, 11.1476, 48.7270 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(124, 60, 188) }
```


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

```
.border{ border-color:rgb(124, 60, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 60, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 60, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 60, 188);  
box-shadow:4px 4px 4px 4px rgb(124, 60,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0051, 11.1476, 48.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 60, 188) }
```

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

```
.background{ background-color: rgb(124, 60,  
188) }
```

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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