

Converting Colors

XYZ(18.4796, 11.4712, 8.2614)

Have a look what the booklet for
XYZ(18.4796, 11.4712, 8.2614)
contains.

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Color

**XYZ(18.4796, 11.4712,
8.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	A6384D
RGB	166, 56, 77
RGB Percent	65%, 22%, 30%
CMY	0.3490, 0.7804, 0.6980
CMYK	0.00, 0.66, 0.54, 0.35
HSL	349°, 50%, 44%
HSV	349°, 66%, 65%
XYZ	18.4796, 11.4712, 8.2614
YIQ	91.2840, 58.8190, 29.8510

Conversions

Conversions Part 2

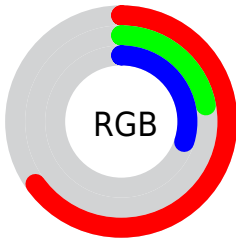
Format	Color
RYB	166, 56, 77
Decimal	10893389
CIELab	40.36, 46.72, 12.51
CIElCh	40, 48.361, 14.989
Yxy	11.4712, 0.4836, 0.3002
Android (android.graphics.Color)	4289083469 (0xFFA6384D)
YUV	91.2840, -7.0420, 65.5259
Hunter-Lab	33.8692, 38.1217, 9.2463

Details

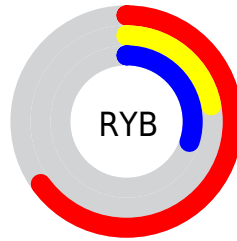
The XYZ color **18.4796, 11.4712, 8.2614** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.3787, 30.1577, 31.5376**, and the grayscale version is **10.0154, 10.5370, 11.4747**.

A 20% lighter version of the original color is **40.2859, 28.4512, 23.1070**, and **6.5812, 3.3610, 1.7407** is the 20% darker color. If you saturate the color by 10%, you get **17.3779, 9.9502, 5.7911**, and if you desaturate by 10%, it is **19.9465, 13.5662, 11.3369**.

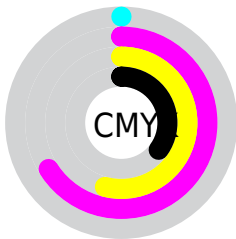
Distribution



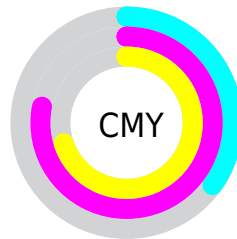
- Red (65%)
- Green (22%)
- Blue (30%)



- Red (65%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (66%)
- Yellow (54%)
- Black (35%)





- Cyan (35%)
- Magenta (78%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4796, 11.4712, 8.2614 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 18.4796, 11.4712, 8.2614 by changing the saturation by 10% instead.

 18.4796, 11.4712,
8.2614

 18.4796, 11.4712,
8.2614


236.5542,
200.8723, 187.7787


 11.3966, 6.3847,
4.1725


 40.3766, 28.5283,
23.0239


 6.4035, 3.0804,
1.7204


 55.9213, 41.2676,
34.5346

 3.1349, 1.1738,
0.3747

 75.0173, 57.3267,
49.3562

 1.2255, 0.0402,
0.0000

 98.0300, 77.0900,
67.9075

 0.1264, 0.0000,
0.0000

 125.3247,
100.9418, 90.6068

 0.0000, 0.0000,
0.0000

 157.2667,

129.2665, 117.8727

194.2214,
162.4486, 150.1238

■ 18.4796, 11.4712,
8.2614

■ 18.4796, 11.4712,
8.2614

■ 17.3779, 9.9502,
5.7911

■ 19.9465, 13.5662,
11.3369

■ 16.6071, 8.9436,
3.8842

■ 21.8072, 16.2830,
15.0541

■ 16.1225, 8.3734,
2.4926

■ 24.0883, 19.6667,
19.4474

■ 15.9822, 8.2095,
2.0862

■ 26.8137, 23.7575,
24.5484

■ 30.0056, 28.5927,
30.3868

■ 33.6848, 34.2068,
36.9905

■ 37.8706, 40.6320,
44.3860

■ 42.5813, 47.8989,
52.5985

■ 47.8344, 56.0365,
61.6519

Harmonies

Analogous

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



18.4787, 11.4712, 17.9692



18.4796, 11.4712, 8.2614



16.1867, 11.4712, 3.4012

Triad

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



18.4796, 11.4712, 8.2614



6.9172, 11.4712, 3.3991



9.3021, 11.4712, 40.5460

Complementary

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



18.4796, 11.4712, 8.2614



20.3787, 30.1577, 31.5376

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.



6.9160, 11.4712, 30.8557



18.4796, 11.4712, 8.2614



5.7457, 11.4712, 8.2562

Square

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



18.4796, 11.4712, 8.2614



9.3042, 11.4712, 1.7489



5.7453, 11.4712, 17.9605



12.6752, 11.4712, 40.5500

Rectangle

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



18.4796, 11.4712, 8.2614



13.8941, 11.4712, 2.0668



5.7453, 11.4712, 17.9605



8.3754, 11.4712, 38.1560

Sweetspot

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



18.4799, 11.4718, 8.2616



51.9712, 48.1181, 50.6280



19.7992, 11.5116, 37.2546



11.2821, 10.2408, 10.6922



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.4799, 11.4718, 8.2616



30.7377, 16.9948, 8.5792



20.0126, 15.5381, 5.6867



7.5875, 7.5648, 8.1447



12.4070, 6.3715, 1.6889



0.3180, 0.1615, 0.1262

Inverse Universe

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



18.4799, 11.4718, 8.2616



30.7377, 16.9948, 8.5792



16.9020, 20.3697, 39.1171



7.5875, 7.5648, 8.1447



12.4070, 6.3715, 1.6889



0.3180, 0.1615, 0.1262

Previews

White Background



This preview shows how the XYZ color 18.4796, 11.4712, 8.2614 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 18.4796, 11.4712, 8.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

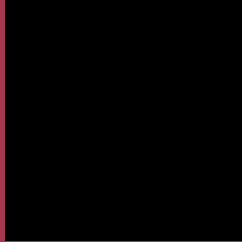
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4796, 11.4712, 8.2614

Background



This preview shows how black text looks on a background with the XYZ color 18.4796, 11.4712, 8.2614.



This preview shows how white text looks on a background with the XYZ color 18.4796, 11.4712,

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

18.4796, 11.4712, 8.2614

Protanopia

11.2703, 11.7702, 12.9871

Deuteranopia

11.8069, 11.6329, 7.7540



Tritanopia

17.9505, 11.4751, 5.8262

Trichromacy



Original Color

18.4796, 11.4712, 8.2614

Protanomaly

12.8139, 10.7606, 11.0745

Deuteranomaly

13.5477, 10.9919, 7.8862

Tritanomaly

18.0432, 11.4307, 6.5656

Monochromacy



Original Color

18.4796, 11.4712, 8.2614

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.8753, 9.9722, 10.1030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4796, 11.4712, 8.2614 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(166, 56, 77)` looks like.

```
.text, #text, p{  
    color:rgb(166, 56, 77)  
}
```

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(166, 56, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 56, 77) }
```

Border

The CSS property to change the border of an element to XYZ 18.4796, 11.4712, 8.2614 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(166, 56, 77) }
```


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

```
.border{ border-color:rgb(166, 56, 77) }
```

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

Here you see how a box with a 4 pixel rgb(166, 56, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 56, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 56, 77);  
box-shadow:4px 4px 4px 4px rgb(166, 56,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4796, 11.4712, 8.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 56, 77) }
```

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

```
.background{ background-color: rgb(166, 56,  
77) }
```

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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