

Converting Colors

XYZ(16.1794, 11.1680, 16.6806)

Have a look what the booklet for
XYZ(16.1794, 11.1680, 16.6806)
contains.

XYZ(16.2081, 11.1769, 16.6323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2081, 11.1769,
16.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4570
RGB	142, 69, 112
RGB Percent	56%, 27%, 44%
CMY	0.4431, 0.7294, 0.5608
CMYK	0.00, 0.51, 0.21, 0.44
HSL	325°, 35%, 41%
HSV	325°, 51%, 56%
XYZ	16.2081, 11.1769, 16.6323
YIQ	95.7290, 29.7050, 28.8490

Conversions

Conversions Part 2

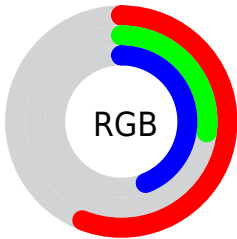
Format	Color
R_{YB}	142, 69, 112
Decimal	9323888
CIE _{Lab}	39.88, 36.42, -10.57
CIE _{LCh}	40, 37.924, 343.812
Yxy	11.1769, 0.3682, 0.2539
Android (android.graphics.Color)	4287513968 (0xFF8E4570)
YUV	95.7290, 8.0216, 40.5797
Hunter-Lab	33.4319, 28.0328, -6.0944

Details

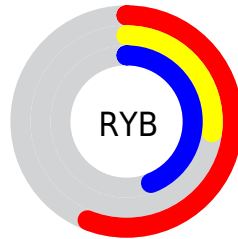
The XYZ color **16.2081, 11.1769, 16.6323** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.3799, 21.5124, 15.1999**, and the grayscale version is **11.0292, 11.6036, 12.6363**.

A 20% lighter version of the original color is **36.4433, 27.9836, 38.6026**, and **5.2615, 2.9266, 5.1381** is the 20% darker color. If you saturate the color by 10%, you get **15.1224, 9.5087, 14.7189**, and if you desaturate by 10%, it is **17.5246, 13.2728, 18.7268**.

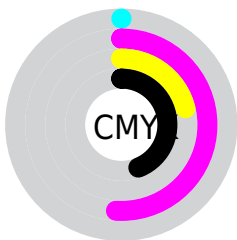
Distribution



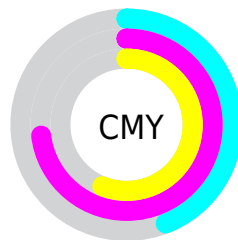
- Red (56%)
- Green (27%)
- Blue (44%)



- Red (56%)
- Yellow (27%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (21%)
- Black (44%)





- Cyan (44%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2081, 11.1769, 16.6323 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 16.2081, 11.1769, 16.6323 by changing the saturation by 10% instead.


 16.2081, 11.1769,
16.6323


 16.2081, 11.1769,
16.6323


223.8129,
198.8772, 245.0162


 9.7633, 6.1859,
9.8135


 36.5136, 27.9868,
38.4744


 5.3034, 2.9585,
5.1715

 51.1051, 40.5746,
54.3348


 2.4629, 1.1101,
2.2877

 69.1428, 56.4634,
74.0462

 0.8766, 0.0000,
0.7243

 90.9922, 76.0377,
98.0271

 0.0000, 0.0000,
0.0000

 117.0185, 99.6818,
126.6960

147.5871,

127.7802, 160.4714

183.0635,
160.7172, 199.7720

■ 16.2081, 11.1769,
16.6323

■ 16.2081, 11.1769,
16.6323

■ 15.1224, 9.5087,
14.7189

■ 17.5246, 13.2728,
18.7268

■ 14.2509, 8.2359,
12.9787

■ 19.0849, 15.8221,
21.0084

■ 13.5764, 7.3247,
11.4042

■ 20.9023, 18.8506,
23.4833

■ 13.0781, 6.7343,
9.9863

■ 22.9887, 22.3815,
26.1574

■ 12.7416, 6.3853,
8.8749

■ 25.3553, 26.4367,
29.0361

■ 28.0125, 31.0367,
32.1246

■ 30.9704, 36.2007,
35.4281

■ 34.2384, 41.9473,
38.9512

■ 37.8256, 48.2939,
42.6986

Harmonies

Analogous

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



14.4899, 11.1769, 25.7657



16.2081, 11.1769, 16.6323



16.2796, 11.1769, 9.0510

Triad

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



16.2081, 11.1769, 16.6323



9.4697, 11.1769, 2.8687



7.3979, 11.1769, 25.0771

Complementary

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



16.2081, 11.1769, 16.6323



14.3799, 21.5124, 15.1999

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.



6.4573, 11.1769, 15.9334



16.2081, 11.1769, 16.6323



7.5141, 11.1769, 4.4658

Square

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



16.2081, 11.1769, 16.6323



12.0847, 11.1769, 2.9279



6.4960, 11.1769, 8.5866



9.2848, 11.1769, 31.8472

Rectangle

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



16.2081, 11.1769, 16.6323



15.3621, 11.1769, 5.7962



6.4960, 11.1769, 8.5866



6.9755, 11.1769, 22.0471

Sweetspot

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



16.2084, 11.1774, 16.6325



39.0435, 36.9275, 44.2416



12.0698, 8.8177, 26.6572



8.5686, 7.9907, 9.6869



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.2084, 11.1774, 16.6325



26.3494, 16.2933, 25.3544



14.5989, 10.5336, 8.1567



5.5337, 5.4740, 6.3086



11.4493, 5.7367, 8.0171



0.1204, 0.0592, 0.1345

Inverse Universe

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



16.2084, 11.1774, 16.6325



26.3494, 16.2933, 25.3544



16.4797, 22.3524, 26.2573



5.5337, 5.4740, 6.3086



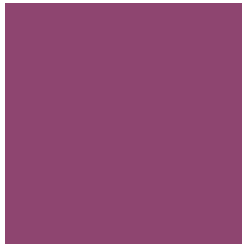
11.4493, 5.7367, 8.0171



0.1204, 0.0592, 0.1345

Previews

White Background



This preview shows how the XYZ color 16.2081, 11.1769, 16.6323 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



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 16.2081, 11.1769, 16.6323

Background



This preview shows how black text looks on a background with the XYZ color 16.2081, 11.1769, 16.6323.



This preview shows how white text looks on a background with the XYZ color 16.2081, 11.1769,

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

16.2081, 11.1769, 16.6323

Protanopia

11.5330, 11.2985, 22.3419

Deuteranopia

11.4637, 11.2784, 15.7601



Tritanopia

14.7171, 11.2519, 9.1807

Trichromacy



Original Color

16.2081, 11.1769, 16.6323

Protanomaly

12.5712, 10.7740, 20.1559

Deuteranomaly

12.7407, 10.9555, 15.9111

Tritanomaly

15.1295, 11.1132, 11.4729

Monochromacy



Original Color

16.2081, 11.1769, 16.6323

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.5361, 11.1256, 14.0571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2081, 11.1769, 16.6323 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(142, 69, 112)` looks like.

```
.text, #text, p{  
    color:rgb(142, 69, 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(142, 69, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 69, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.2081, 11.1769, 16.6323 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(142, 69, 112) }
```


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

```
.border{ border-color:rgb(142, 69, 112) }
```

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

Here you see how a box with a 4 pixel rgb(142, 69, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 69, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 69, 112);  
box-shadow:4px 4px 4px 4px rgb(142, 69,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2081, 11.1769, 16.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 69, 112) }
```

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

```
.background{ background-color: rgb(142, 69,  
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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