

Converting Colors

XYZ(16.6784, 12.2062, 16.5159)

Have a look what the booklet for
XYZ(16.6784, 12.2062, 16.5159)
contains.

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Color

**XYZ(16.6784, 12.2062,
16.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4D6F
RGB	142, 77, 111
RGB Percent	56%, 30%, 44%
CMY	0.4431, 0.6980, 0.5647
CMYK	0.00, 0.46, 0.22, 0.44
HSL	329°, 30%, 43%
HSV	329°, 46%, 56%
XYZ	16.6784, 12.2062, 16.5159
YIQ	100.3110, 27.8260, 24.3540

Conversions

Conversions Part 2

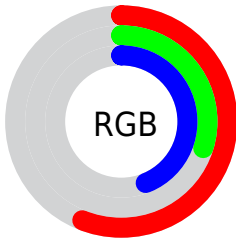
Format	Color
R_{YB}	142, 77, 111
Decimal	9325935
CIE Lab	41.54, 31.90, -7.45
CIE LCh	42, 32.758, 346.851
Yxy	12.2062, 0.3674, 0.2689
Android (android.graphics.Color)	4287516015 (0xFF8E4D6F)
YUV	100.3110, 5.2697, 36.5613
Hunter-Lab	34.9374, 24.0719, -3.5719

Details

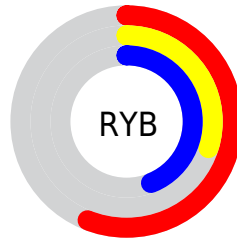
The XYZ color **16.6784, 12.2062, 16.5159** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4408, 22.0068, 17.6222**, and the grayscale version is **12.1748, 12.8089, 13.9489**.

A 20% lighter version of the original color is **37.3560, 29.9530, 38.4630**, and **5.5530, 3.4113, 5.0684** is the 20% darker color. If you saturate the color by 10%, you get **15.4323, 10.2882, 14.3299**, and if you desaturate by 10%, it is **18.1704, 14.5705, 18.9236**.

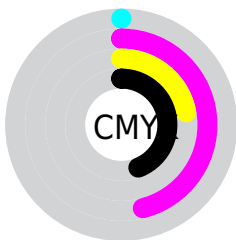
Distribution



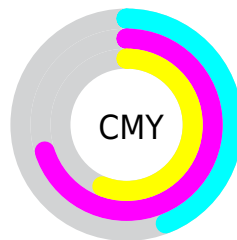
- Red (56%)
- Green (30%)
- Blue (44%)



- Red (56%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (44%)





- Cyan (44%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6784, 12.2062, 16.5159 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 16.6784, 12.2062, 16.5159 by changing the saturation by 10% instead.


 16.6784, 12.2062,
16.5159


 16.6784, 12.2062,
16.5159


226.5048,
205.7656, 244.3158


 10.0993, 6.8843,
9.7317


 37.3200, 29.8701,
38.2707


 5.5276, 3.3898,
5.1181

 52.1133, 42.9809,
54.0784


 2.5980, 1.3385,
2.2568

 70.3753, 59.4567,
73.7309

 0.9449, 0.1707,
0.7069

 92.4715, 79.6820,
97.6469

 0.0000, 0.0000,
0.0000

 118.7672,
104.0411, 126.2448

149.6277,

132.9185, 159.9432

185.4185,
166.6986, 199.1607

■ 16.6784, 12.2062,
16.5159

■ 16.6784, 12.2062,
16.5159

■ 15.4323, 10.2882,
14.3299

■ 18.1704, 14.5705,
18.9236

■ 14.4161, 8.7860,
12.3569

■ 19.9209, 17.4055,
21.5599

■ 13.6136, 7.6679,
10.5884

■ 21.9426, 20.7360,
24.4320

■ 13.0058, 6.8970,
9.0148

■ 24.2474, 24.5844,
27.5466

■ 12.5649, 6.4189,
7.6234

■ 26.8462, 28.9719,
30.9101

■ 12.4006, 6.2489,
7.0796

■ 29.7494, 33.9184,
34.5287

■ 32.9668, 39.4428,
38.4082

■ 36.5079, 45.5631,
42.5543

■ 40.3818, 52.2965,
46.9725

Harmonies

Analogous

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



15.2890, 12.2062, 24.4803



16.6784, 12.2062, 16.5159



16.5807, 12.2062, 9.8277

Triad

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



16.6784, 12.2062, 16.5159



10.3194, 12.2062, 4.2529



8.7332, 12.2062, 25.3951

Complementary

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



16.6784, 12.2062, 16.5159



15.4408, 22.0068, 17.6222

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.



7.7348, 12.2062, 17.4838



16.6784, 12.2062, 16.5159



8.5606, 12.2062, 6.1670

Square

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



16.6784, 12.2062, 16.5159



12.6791, 12.2062, 4.1507



7.6763, 12.2062, 10.5150



10.5870, 12.2062, 30.6743

Rectangle

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



16.6784, 12.2062, 16.5159



15.6825, 12.2062, 6.8552



7.6763, 12.2062, 10.5150



8.2983, 12.2062, 22.8529

Sweetspot

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



16.6788, 12.2068, 16.5161



39.2638, 37.5126, 43.8697



13.6404, 10.4079, 26.8812



8.6058, 8.1064, 9.5721



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.



16.6788, 12.2068, 16.5161



27.1398, 18.0312, 25.1337



15.2270, 11.6261, 8.8712



5.5193, 5.4682, 6.2326



11.1433, 5.6143, 6.4057



0.1177, 0.0581, 0.1199

Inverse Universe

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



16.6788, 12.2068, 16.5161



27.1398, 18.0312, 25.1337



17.4552, 22.8125, 28.2299



5.5193, 5.4682, 6.2326



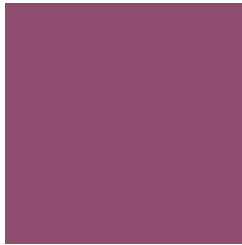
11.1433, 5.6143, 6.4057



0.1177, 0.0581, 0.1199

Previews

White Background



This preview shows how the XYZ color 16.6784, 12.2062, 16.5159 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

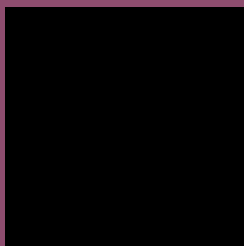
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6784, 12.2062, 16.5159

Background



This preview shows how black text looks on a background with the XYZ color 16.6784, 12.2062, 16.5159.



This preview shows how white text looks on a background with the XYZ color 16.6784, 12.2062,

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

16.6784, 12.2062, 16.5159

Protanopia

12.3900, 12.3054, 21.1242

Deuteranopia

12.5986, 12.3915, 15.9151



Tritanopia

15.5940, 12.3146, 10.7876

Trichromacy



Original Color

16.6784, 12.2062, 16.5159

Protanomaly

13.4767, 11.9834, 19.3720

Deuteranomaly

13.8039, 12.1004, 16.0761

Tritanomaly

15.9645, 12.2446, 12.5883

Monochromacy



Original Color

16.6784, 12.2062, 16.5159

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.3961, 12.2986, 14.7645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6784, 12.2062, 16.5159 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, 77, 111)` looks like.

```
.text, #text, p{  
    color:rgb(142, 77, 111)  
}
```

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, 77, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 77, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.6784, 12.2062, 16.5159 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, 77, 111) }
```


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

```
.border{ border-color:rgb(142, 77, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 77, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 77, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 77, 111);  
box-shadow:4px 4px 4px 4px rgb(142, 77,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6784, 12.2062, 16.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 77, 111) }
```

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

```
.background{ background-color: rgb(142, 77,  
111) }
```

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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