

Converting Colors

XYZ(17.2284, 8.9559, 12.5502)

Have a look what the booklet for
XYZ(17.2284, 8.9559, 12.5502)
contains.

XYZ(17.1664, 8.9105, 12.6195)	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(17.1664, 8.9105,
12.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	A11263
RGB	161, 18, 99
RGB Percent	63%, 7%, 39%
CMY	0.3686, 0.9294, 0.6118
CMYK	0.00, 0.89, 0.39, 0.37
HSL	326°, 80%, 35%
HSV	326°, 89%, 63%
XYZ	17.1664, 8.9105, 12.6195
YIQ	69.9910, 59.2270, 55.5070

Conversions

Conversions Part 2

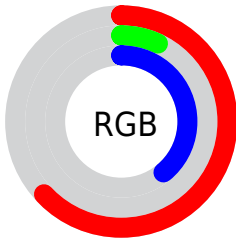
Format	Color
RYB	161, 18, 99
Decimal	10556003
CIELab	35.81, 59.30, -8.18
CIElCh	36, 59.866, 352.145
Yxy	8.9105, 0.4436, 0.2303
Android (android.graphics.Color)	4288746083 (0xFFA11263)
YUV	69.9910, 14.3014, 79.8149
Hunter-Lab	29.8505, 50.4135, -4.1700

Details

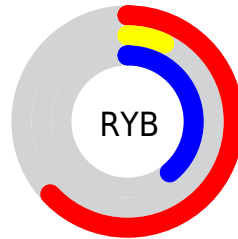
The XYZ color **17.1664, 8.9105, 12.6195** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **14.4431, 26.1979, 11.8875**, and the grayscale version is **5.7912, 6.0928, 6.6351**.

A 20% lighter version of the original color is **38.1905, 23.7583, 31.4271**, and **6.3515, 3.2001, 3.6511** is the 20% darker color. If you saturate the color by 10%, you get **16.6514, 8.3917, 10.8717**, and if you desaturate by 10%, it is **17.8738, 9.7679, 14.5739**.

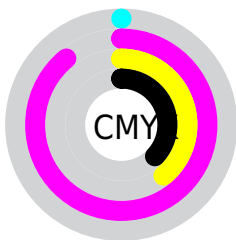
Distribution



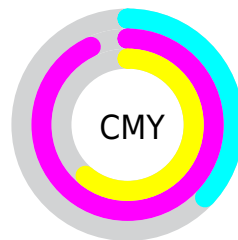
- Red (63%)
- Green (7%)
- Blue (39%)



- Red (63%)
- Yellow (7%)
- Blue (39%)



- Cyan (0%)
- Magenta (89%)
- Yellow (39%)
- Black (37%)




- Cyan (37%)
- Magenta (93%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1664, 8.9105, 12.6195 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 17.1664, 8.9105, 12.6195 by changing the saturation by 10% instead.


 17.1664, 8.9105,
12.6195


 17.1664, 8.9105,
12.6195


229.2671,
182.7088, 219.5860


 10.4492, 4.6828,
7.0394


 38.1530, 23.7250,
31.2996


 5.7624, 2.0624,
3.4079

 53.1531, 35.0806,
45.2367


 2.7404, 0.6434,
1.3065

 71.6449, 49.5811,
62.7965

 1.0180, 0.0000,
0.0671

 93.9938, 67.6107,
84.3977

 0.0000, 0.0000,
0.0000

 120.5651, 89.5539,
110.4586

 151.7242,

115.7950, 141.3980

187.8364,
146.7185, 177.6343

■ 17.1664, 8.9105,
12.6195

■ 17.1664, 8.9105,
12.6195

■ 16.6514, 8.3917,
10.8717

■ 17.8738, 9.7679,
14.5739

■ 16.5945, 8.3357,
10.6747

■ 18.8263, 11.0680,
16.7558

■ 20.0513, 12.8650,
19.1777

■ 21.5724, 15.2046,
21.8507

■ 23.4104, 18.1275,
24.7849

■ 25.5841, 21.6704,
27.9895

■ 28.1107, 25.8668,
31.4734

■ 31.0065, 30.7481,
35.2446

■ 34.2864, 36.3435,
39.3111

Harmonies

Analogous

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



15.0653, 8.9105, 27.2698



17.1664, 8.9105, 12.6195



16.4736, 8.9105, 4.0503

Triad

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



17.1664, 8.9105, 12.6195



6.1525, 8.9105, 0.4400



4.9394, 8.9105, 34.6899

Complementary

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



17.1664, 8.9105, 12.6195



14.4431, 26.1979, 11.8875

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.



3.5974, 8.9105, 19.0686



17.1664, 8.9105, 12.6195



4.1494, 8.9105, 1.9799

Square

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



17.1664, 8.9105, 12.6195



9.4345, 8.9105, 0.1706



3.3553, 8.9105, 7.2729



7.5720, 8.9105, 44.6916

Rectangle

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



17.1664, 8.9105, 12.6195



14.5893, 8.9105, 1.6169



3.3553, 8.9105, 7.2729



4.3564, 8.9105, 29.5586

Sweetspot

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



17.1667, 8.9110, 12.6196



46.3726, 39.7224, 50.9119



9.9557, 4.7106, 34.1028



9.8795, 8.2334, 10.7510



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.1667, 8.9110, 12.6196



29.6186, 14.8882, 18.5873



15.1187, 8.0918, 1.8354



7.2339, 7.1500, 8.2182



13.2742, 6.6657, 8.6347



0.3020, 0.1493, 0.3032

Inverse Universe

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



17.1667, 8.9110, 12.6196



29.6186, 14.8882, 18.5873



18.6186, 27.8681, 33.8755



7.2339, 7.1500, 8.2182



13.2742, 6.6657, 8.6347



0.3020, 0.1493, 0.3032

Previews

White Background



This preview shows how the XYZ color 17.1664, 8.9105, 12.6195 looks on a white background.

Color Contrast Check

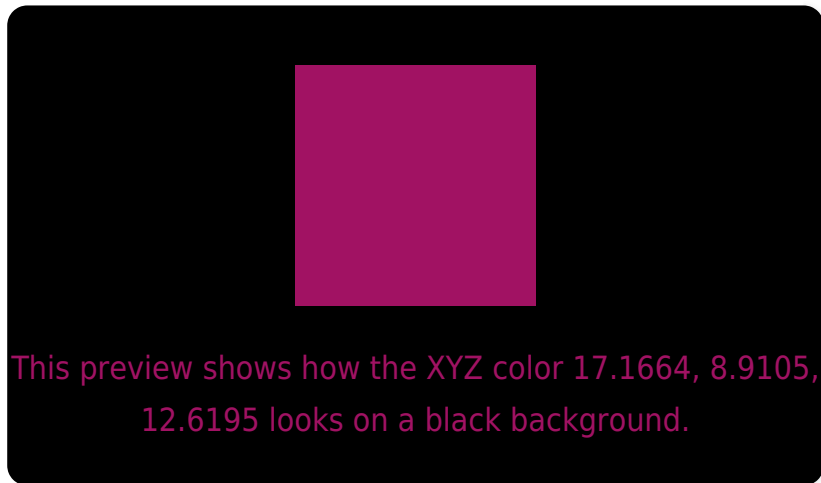
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 17.1664, 8.9105, 12.6195

Background



This preview shows how black text looks on a background with the XYZ color 17.1664, 8.9105, 12.6195.



This preview shows how white text looks on a background with the XYZ color 17.1664, 8.9105,

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

17.1664, 8.9105, 12.6195

Protanopia

10.0183, 9.3241, 26.0826

Deuteranopia

9.5157, 9.3887, 11.4359



Tritanopia

15.3646, 9.0994, 3.2321

Trichromacy



Original Color

17.1664, 8.9105, 12.6195

Protanomaly

10.4631, 7.3650, 20.2722

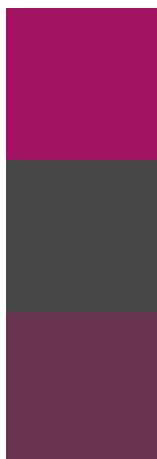
Deuteranomaly

11.0175, 7.8398, 11.7590

Tritanomaly

15.7391, 8.8175, 5.5750

Monochromacy



Original Color

17.1664, 8.9105, 12.6195

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

8.2625, 5.8453, 8.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1664, 8.9105, 12.6195 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(161, 18, 99)` looks like.

```
.text, #text, p{  
    color:rgb(161, 18, 99)  
}
```

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(161, 18, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 18, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.1664, 8.9105, 12.6195 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(161, 18, 99) }
```


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

```
.border{ border-color:rgb(161, 18, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 18, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 18, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 18, 99);  
box-shadow:4px 4px 4px 4px rgb(161, 18,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1664, 8.9105, 12.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 18, 99) }
```

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

```
.background{ background-color: rgb(161, 18,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor