

Converting Colors

XYZ(11.4290, 5.8279, 20.7724)

Have a look what the booklet for
XYZ(11.4290, 5.8279, 20.7724)
contains.

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Color

**XYZ(11.4826, 5.8407,
20.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	751480
RGB	117, 20, 128
RGB Percent	46%, 8%, 50%
CMY	0.5412, 0.9216, 0.4980
CMYK	0.09, 0.84, 0.00, 0.50
HSL	294°, 73%, 29%
HSV	294°, 84%, 50%
XYZ	11.4826, 5.8407, 20.9443
YIQ	61.3150, 23.1440, 54.1520

Conversions

Conversions Part 2

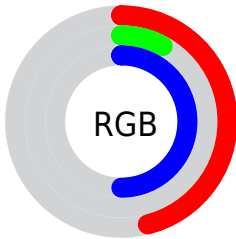
Format	Color
R_{YB}	117, 20, 128
Decimal	7672960
CIE _{Lab}	29.01, 53.18, -37.85
CIE _{LCh}	29, 65.275, 324.557
Yxy	5.8407, 0.3001, 0.1526
Android (android.graphics.Color)	4285863040 (0xFF751480)
YUV	61.3150, 32.8757, 48.8357
Hunter-Lab	24.1675, 42.5166, -34.4652

Details

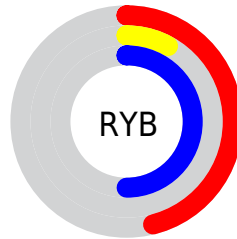
The XYZ color **11.4826, 5.8407, 20.9443** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **8.4106, 15.7803, 3.2646**, and the grayscale version is **4.4330, 4.6639, 5.0789**.

A 20% lighter version of the original color is **28.0781, 17.5556, 45.6248**, and **3.4895, 1.6400, 7.3404** is the 20% darker color. If you saturate the color by 10%, you get **11.1369, 5.4072, 20.8789**, and if you desaturate by 10%, it is **11.9474, 6.5083, 21.0487**.

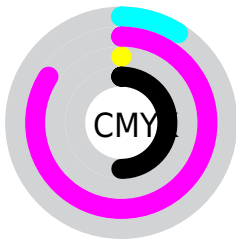
Distribution



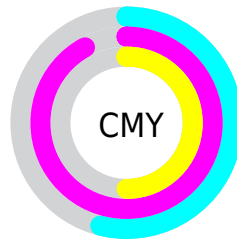
- Red (46%)
- Green (8%)
- Blue (50%)



- Red (46%)
- Yellow (8%)
- Blue (50%)



- Cyan (9%)
- Magenta (84%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (92%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4826, 5.8407, 20.9443 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 11.4826, 5.8407, 20.9443 by changing the saturation by 10% instead.

■ 11.4826, 5.8407,
20.9443

■ 11.4826, 5.8407,
20.9443

194.7899,
157.6502, 269.7537

■ 6.4621, 2.7485,
12.8924

■ 28.1743, 17.5997,
45.8744

■ 3.1714, 1.0019,
7.2247

■ 40.5762, 27.0353,
63.5897

■ 1.2450, 0.0000,
3.5224

■ 56.1693, 39.3540,
85.3633

■ 0.1415, 0.0000,
1.3672

■ 75.3189, 54.9405,
111.6137

■ 0.0000, 0.0000,
0.1159

■ 98.3904, 74.1789,
142.7593

■ 0.0000, 0.0000,
0.0000

■ 125.7492, 97.4537,

179.2188

157.7606,
125.1493, 221.4108

11.4826, 5.8407,
20.9443

11.4826, 5.8407,
20.9443

11.1369, 5.4072,
20.8789

11.9474, 6.5083,
21.0487

10.9619, 5.2010,
20.8483

12.5494, 7.4468,
21.1982

13.3026, 8.6841,
21.3973

14.2191, 10.2442,
21.6501

15.3098, 12.1490,
21.9603

■ 16.5845, 14.4182,
22.3311

■ 18.0524, 17.0702,
22.7656

■ 19.7221, 20.1220,
23.2667

■ 21.6016, 23.5896,
23.8369

Harmonies

Analogous

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



8.2212, 5.8407, 34.9737



11.4826, 5.8407, 20.9443



13.2072, 5.8407, 8.0067

Triad

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



11.4826, 5.8407, 20.9443



6.1001, 5.8407, 0.0000



1.8552, 5.8407, 15.6328

Complementary

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



11.4826, 5.8407, 20.9443



8.4106, 15.7803, 3.2646

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.



1.6328, 5.8407, 4.9554



11.4826, 5.8407, 20.9443



3.5330, 5.8407, 0.0000

Square

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



11.4826, 5.8407, 20.9443



9.4764, 5.8407, 0.0000



2.1232, 5.8407, 0.8501



2.8946, 5.8407, 30.4416

Rectangle

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



11.4826, 5.8407, 20.9443



12.9335, 5.8407, 3.1186



2.1232, 5.8407, 0.8501



1.7022, 5.8407, 11.3061

Sweetspot

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



11.4828, 5.8410, 20.9444



28.9119, 24.8700, 39.2328



4.7177, 2.7731, 20.7088



6.6084, 5.5356, 9.1385



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.4828, 5.8410, 20.9444



19.2306, 9.1213, 36.7033



10.8564, 5.7713, 9.4734



4.4564, 4.3909, 5.4259



10.8701, 5.1574, 20.6725



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.3997, 5.1886, 1.8025



15.7738, 8.1201, 1.2614



8.8610, 15.9285, 7.0793



4.3442, 4.3508, 4.6171



8.8996, 4.5795, 0.7951



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.4826, 5.8407, 20.9443 looks on a white background.

Color Contrast Check

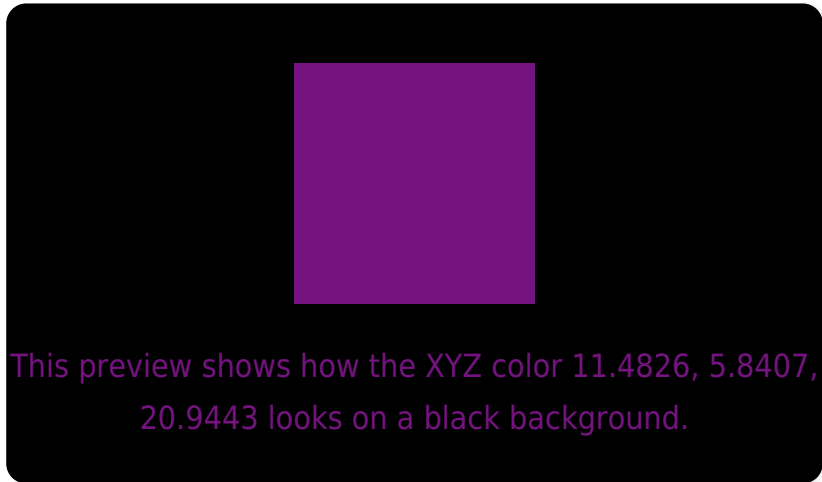
Large Text (above 18pt) WCAG AA ✓ Pass

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

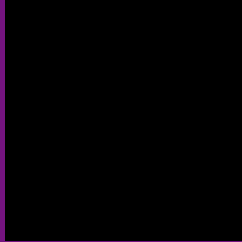
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4826, 5.8407, 20.9443

Background



This preview shows how black text looks on a background with the XYZ color 11.4826, 5.8407, 20.9443.



This preview shows how white text looks on a background with the XYZ color 11.4826, 5.8407,

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

11.4826, 5.8407, 20.9443

Protanopia

7.0250, 6.1174, 26.7971

Deuteranopia

6.2695, 6.1783, 18.9512



Tritanopia

8.1713, 6.0199, 4.4727

Trichromacy



Original Color

11.4826, 5.8407, 20.9443

Protanomaly

6.7675, 4.7162, 24.5984

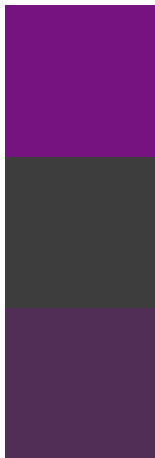
Deuteranomaly

6.8527, 4.9354, 19.6602

Tritanomaly

8.8715, 5.5746, 8.5911

Monochromacy



Original Color

11.4826, 5.8407, 20.9443

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.0100, 4.3592, 9.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4826, 5.8407, 20.9443 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(117, 20, 128)` looks like.

```
.text, #text, p{  
    color:rgb(117, 20, 128)  
}
```

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(117, 20, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 20, 128) }
```

Border

The CSS property to change the border of an element to XYZ 11.4826, 5.8407, 20.9443 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(117, 20, 128) }
```


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

```
.border{ border-color:rgb(117, 20, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 20, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 20, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 20, 128);  
box-shadow:4px 4px 4px 4px rgb(117, 20,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4826, 5.8407, 20.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 20, 128) }
```

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

```
.background{ background-color: rgb(117, 20,  
128) }
```

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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