

Converting Colors

XYZ(11.0309, 5.3047, 17.7703)

Have a look what the booklet for
XYZ(11.0309, 5.3047, 17.7703)
contains.

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Color

**XYZ(11.0755, 5.3250,
17.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	780077
RGB	120, 0, 119
RGB Percent	47%, 0%, 47%
CMY	0.5294, 1.0000, 0.5333
CMYK	0.00, 1.00, 0.01, 0.53
HSL	301°, 100%, 24%
HSV	301°, 100%, 47%
XYZ	11.0755, 5.3250, 17.8968
YIQ	49.4460, 33.3210, 62.4490

Conversions

Conversions Part 2

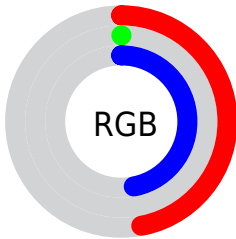
Format	Color
RYB	120, 0, 119
Decimal	7864439
CIELab	27.64, 56.11, -34.31
CIELCh	28, 65.769, 328.553
Yxy	5.3250, 0.3229, 0.1553
Android (android.graphics.Color)	4286054519 (0xFF780077)
YUV	49.4460, 34.2901, 61.8759
Hunter-Lab	23.0760, 45.2896, -29.8298

Details

The XYZ color **11.0755, 5.3250, 17.8968** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **6.7222, 13.4354, 2.2680**, and the grayscale version is **2.9300, 3.0826, 3.3569**.

A 20% lighter version of the original color is **27.5410, 16.5890, 40.7801**, and **3.4202, 1.6355, 5.9298** is the 20% darker color. If you saturate the color by 10%, you get **11.0756, 5.3250, 17.8968**, and if you desaturate by 10%, it is **11.2132, 5.5906, 17.9724**.

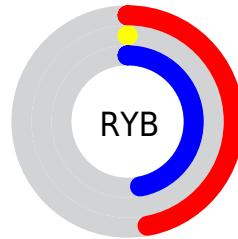
Distribution



Red (47%)

Green (0%)

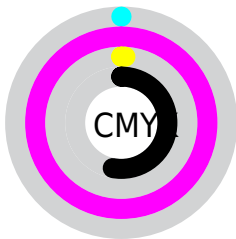
Blue (47%)



Red (47%)

Yellow (0%)

Blue (47%)

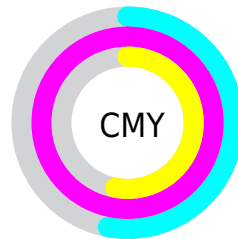


Cyan (0%)

Magenta (100%)

Yellow (1%)

Black (53%)



Cyan (53%)


Magenta (100%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0755, 5.3250, 17.8968 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 11.0755, 5.3250, 17.8968 by changing the saturation by 10% instead.


 11.0755, 5.3250,
17.8968

 11.0755, 5.3250,
17.8968


192.0824,
152.9144, 252.5053


 6.1853, 2.4392,
10.7072


 27.4314, 16.5137,
40.6730


 2.9998, 0.8459,
5.7587

 39.6278, 25.5853,
57.0966


 1.1537, 0.0000,
2.6325

 54.9904, 37.4877,
77.4355

 0.0693, 0.0000,
0.9092


 73.8844, 52.6052,
102.1079

 0.0000, 0.0000,
0.0000

 96.6753, 71.3222,
131.5326


 123.7283, 94.0232,

166.1280


 155.4089,
121.0924, 206.3127

 11.0755, 5.3250,
17.8968


 11.0755, 5.3250,
17.8968


 11.0756, 5.3250,
17.8968

 11.2132, 5.5906,
17.9724

 11.4145, 5.9835,
18.0692

 11.7249, 6.5946,
18.2024

 12.1571, 7.4494,
18.3762

 12.7221, 8.5699,
18.5944

■ 13.4298, 9.9756,
18.8601

■ 14.2890, 11.6842,
19.1763

■ 15.3077, 13.7120,
19.5458

■ 16.4937, 16.0741,
19.9710

Harmonies

Analogous

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



8.0464, 5.3250, 32.0300



11.0755, 5.3250, 17.8968



12.4393, 5.3250, 6.1904

Triad

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



11.0755, 5.3250, 17.8968



5.1965, 5.3250, 0.0000



1.6837, 5.3250, 16.5240

Complementary

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



11.0755, 5.3250, 17.8968



6.7222, 13.4354, 2.2680

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.



1.3930, 5.3250, 5.4226



11.0755, 5.3250, 17.8968



2.9242, 5.3250, 0.0000

Square

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



11.0755, 5.3250, 17.8968



8.3668, 5.3250, 0.0000



1.7488, 5.3250, 0.9330



2.7661, 5.3250, 30.8453

Rectangle

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



11.0755, 5.3250, 17.8968



11.9466, 5.3250, 2.1811



1.7488, 5.3250, 0.9330



1.5123, 5.3250, 12.1058

Sweetspot

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



11.0757, 5.3252, 17.8969



25.0097, 20.3078, 33.6829



3.3904, 1.3564, 17.8526



5.7992, 4.5584, 7.9356



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.0757, 5.3252, 17.8969



19.4772, 9.3646, 31.4633



8.5617, 4.3196, 4.6582



4.1531, 4.0770, 5.0040



12.0824, 5.8091, 19.5227



57.6175, 27.7033, 93.0366

Inverse Universe

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



11.0757, 5.3252, 17.8969



19.4772, 9.3646, 31.4633



7.5324, 13.7595, 6.5345



4.1531, 4.0770, 5.0040



12.0824, 5.8091, 19.5227



57.6175, 27.7033, 93.0366

Previews

White Background



This preview shows how the XYZ color 11.0755, 5.3250, 17.8968 looks on a white background.

Color Contrast Check

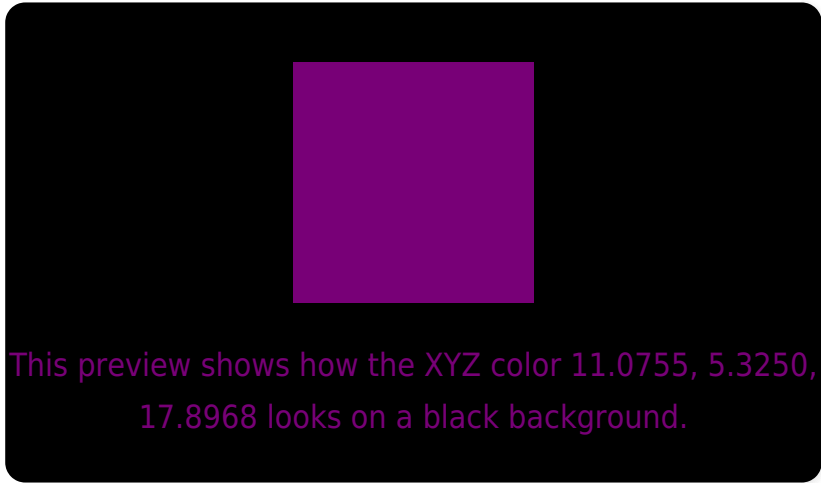
Large Text (above 18pt) WCAG AA ✓ Pass

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

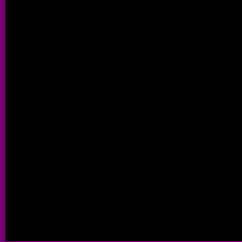
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0755, 5.3250, 17.8968

Background



This preview shows how black text looks on a background with the XYZ color 11.0755, 5.3250, 17.8968.



This preview shows how white text looks on a background with the XYZ color 11.0755, 5.3250,

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

11.0755, 5.3250, 17.8968

Protanopia

6.6818, 5.7899, 25.5763

Deuteranopia

6.0076, 5.9183, 16.1550



Tritanopia

8.4023, 5.7740, 3.6893

Trichromacy



Original Color

11.0755, 5.3250, 17.8968

Protanomaly

6.0315, 3.8573, 22.2564

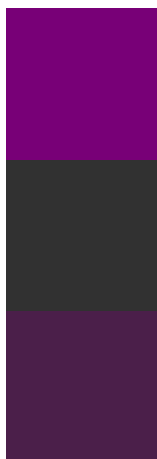
Deuteranomaly

6.5210, 4.3413, 16.7139

Tritanomaly

8.9367, 5.1496, 7.1796

Monochromacy



Original Color

11.0755, 5.3250, 17.8968

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

4.6277, 2.9702, 6.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0755, 5.3250, 17.8968 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(120, 0, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 119)  
}
```

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(120, 0, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.0755, 5.3250, 17.8968 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(120, 0, 119) }
```


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

```
.border{ border-color:rgb(120, 0, 119) }
```

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

Here you see how a box with a 4 pixel rgb(120, 0, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 0,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0755, 5.3250, 17.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 119) }
```

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

```
.background{ background-color: rgb(120, 0,  
119) }
```

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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