

Converting Colors

XYZ(17.0656, 11.0926, 27.1490)

Have a look what the booklet for
XYZ(17.0656, 11.0926, 27.1490)
contains.

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Color

**XYZ(17.0595, 11.1138,
27.2327)**

Conversions

Conversions Part 1

Format	Color
Hex	88428F
RGB	136, 66, 143
RGB Percent	53%, 26%, 56%
CMY	0.4667, 0.7412, 0.4392
CMYK	0.05, 0.54, 0.00, 0.44
HSL	295°, 37%, 41%
HSV	295°, 54%, 56%
XYZ	17.0595, 11.1138, 27.2327
YIQ	95.7080, 17.0030, 38.7870

Conversions

Conversions Part 2

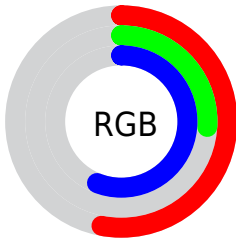
Format	Color
R _Y B	136, 66, 143
Decimal	8929935
CIE Lab	39.77, 41.65, -29.85
CIE LCh	40, 51.241, 324.367
Yxy	11.1138, 0.3079, 0.2006
Android (android.graphics.Color)	4287120015 (0xFF88428F)
YUV	95.7080, 23.3150, 35.3361
Hunter-Lab	33.3374, 33.0022, -25.0968

Details

The XYZ color **17.0595, 11.1138, 27.2327** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.5538, 21.4550, 8.5816**, and the grayscale version is **10.9905, 11.5628, 12.5919**.

A 20% lighter version of the original color is **37.9252, 27.8302, 56.1962**, and **5.7318, 2.9454, 10.3916** is the 20% darker color. If you saturate the color by 10%, you get **16.1164, 9.5389, 26.9786**, and if you desaturate by 10%, it is **18.2148, 13.1088, 27.5570**.

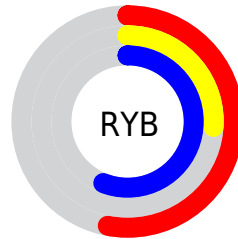
Distribution



Red (53%)

Green (26%)

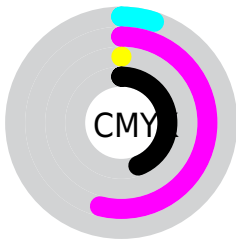
Blue (56%)



Red (53%)

Yellow (26%)

Blue (56%)

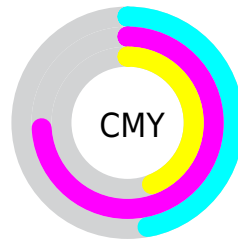


Cyan (5%)

Magenta (54%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (74%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0595, 11.1138, 27.2327 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 17.0595, 11.1138, 27.2327 by changing the saturation by 10% instead.

■ 17.0595, 11.1138,
27.2327

■ 17.0595, 11.1138,
27.2327

228.6646,
198.4466, 302.5778

■ 10.3725, 6.1434,
17.5141

■ 37.9708, 27.8704,
56.2653

■ 5.7108, 2.9325,
10.4359

■ 52.9259, 40.4254,
76.4164

■ 2.7090, 1.0966,
5.5795

■ 71.3676, 56.2775,
100.8821

■ 1.0018, 0.0000,
2.5265

■ 93.6614, 75.8109,
130.0808

■ 0.0000, 0.0000,
0.8542

■ 120.1727, 99.4102,
164.4312

■ 0.0000, 0.0000,
0.0000

151.2667,

127.4596, 204.3518

187.3089,
160.3436, 250.2612

■ 17.0595, 11.1138,
27.2327

■ 17.0595, 11.1138,
27.2327

■ 16.1164, 9.5389,
26.9786

■ 18.2148, 13.1088,
27.5570

■ 15.3685, 8.3508,
26.7887

■ 19.5955, 15.5509,
27.9557

■ 14.7980, 7.5138,
26.6572

■ 21.2148, 18.4666,
28.4331

■ 14.3829, 6.9838,
26.5768

■ 23.0848, 21.8799,
28.9934

■ 14.1641, 6.7291,
26.5391

■ 25.2168, 25.8130,
29.6402

■ 27.6211, 30.2871,
30.3770

■ 30.3077, 35.3220,
31.2073

■ 33.2861, 40.9365,
32.1340

■ 36.5653, 47.1485,
33.1602

Harmonies

Analogous

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



13.6025, 11.1138, 39.6615



17.0595, 11.1138, 27.2327



18.8124, 11.1138, 14.1010

Triad

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



17.0595, 11.1138, 27.2327



11.2404, 11.1138, 1.2539



5.5276, 11.1138, 21.9659

Complementary

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



17.0595, 11.1138, 27.2327



13.5538, 21.4550, 8.5816

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.



5.1662, 11.1138, 10.2997



17.0595, 11.1138, 27.2327



8.0143, 11.1138, 1.6489

Square

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



17.0595, 11.1138, 27.2327



15.0076, 11.1138, 2.2045



5.9694, 11.1138, 3.9674



7.0965, 11.1138, 35.6174

Rectangle

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



17.0595, 11.1138, 27.2327



18.5511, 11.1138, 7.9076



5.9694, 11.1138, 3.9674



5.2779, 11.1138, 17.5639

Sweetspot

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



17.0599, 11.1143, 27.2329



40.4628, 37.5732, 51.6578



9.6339, 7.9995, 27.0231



9.1358, 8.3545, 11.8033



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.0599, 11.1143, 27.2329



28.4911, 16.4811, 48.2176



16.2120, 10.9108, 16.6396



5.5786, 5.4865, 6.7937



12.5328, 5.9545, 23.4659



0.1290, 0.0616, 0.2248

Inverse Universe

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



14.4788, 10.2175, 7.5127



23.4950, 14.7799, 8.4796



14.2179, 21.6628, 14.6929



5.4276, 5.4316, 5.7496



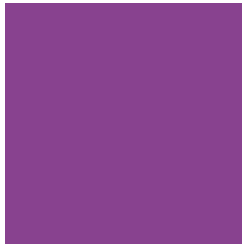
10.0839, 5.1906, 0.8275



0.0996, 0.0509, 0.0245

Previews

White Background



This preview shows how the XYZ color 17.0595, 11.1138, 27.2327 looks on a white background.

Color Contrast Check

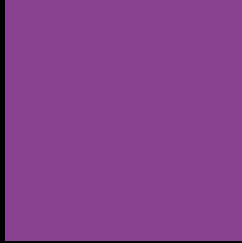
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.0595, 11.1138, 27.2327 looks on a 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 17.0595, 11.1138, 27.2327

Background



This preview shows how black text looks on a background with the XYZ color 17.0595, 11.1138, 27.2327.



This preview shows how white text looks on a background with the XYZ color 17.0595, 11.1138,

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

17.0595, 11.1138, 27.2327

Protanopia

12.5736, 11.3681, 37.6080

Deuteranopia

11.5706, 11.3769, 25.6309



Tritanopia

13.6016, 11.0763, 10.2252

Trichromacy



Original Color

17.0595, 11.1138, 27.2327

Protanomaly

13.2893, 10.7298, 33.7184

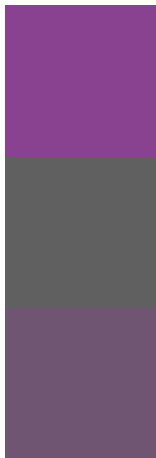
Deuteranomaly

12.9410, 10.8308, 26.2194

Tritanomaly

14.6856, 10.9992, 15.2590

Monochromacy



Original Color

17.0595, 11.1138, 27.2327

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.7847, 11.0688, 17.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0595, 11.1138, 27.2327 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(136, 66, 143)` looks like.

```
.text, #text, p{  
    color:rgb(136, 66, 143)  
}
```

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(136, 66, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 66, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.0595, 11.1138, 27.2327 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(136, 66, 143) }
```


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

```
.border{ border-color:rgb(136, 66, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 66, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 66, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 66, 143);  
box-shadow:4px 4px 4px 4px rgb(136, 66,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0595, 11.1138, 27.2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 66, 143) }
```

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

```
.background{ background-color: rgb(136, 66,  
143) }
```

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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