

Converting Colors

XYZ(15.2446, 10.9079, 27.8936)

Have a look what the booklet for
XYZ(15.2446, 10.9079, 27.8936)
contains.

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Color

**XYZ(15.3053, 10.9350,
28.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	784A91
RGB	120, 74, 145
RGB Percent	47%, 29%, 57%
CMY	0.5294, 0.7098, 0.4314
CMYK	0.17, 0.49, 0.00, 0.43
HSL	279°, 32%, 43%
HSV	279°, 49%, 57%
XYZ	15.3053, 10.9350, 28.0920
YIQ	95.8480, 4.6250, 31.8330

Conversions

Conversions Part 2

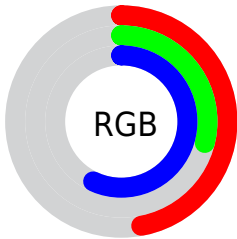
Format	Color
R_{YB}	120, 74, 145
Decimal	7883409
CIE _{Lab}	39.47, 32.92, -31.68
CIE _{LCh}	39, 45.693, 316.101
Yxy	10.9350, 0.2817, 0.2013
Android (android.graphics.Color)	4286073489 (0xFF784A91)
YUV	95.8480, 24.2319, 21.1813
Hunter-Lab	33.0681, 24.7480, -27.2203

Details

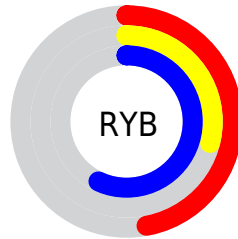
The XYZ color **15.3053, 10.9350, 28.0920** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **16.5074, 23.3981, 10.1254**, and the grayscale version is **11.0242, 11.5983, 12.6306**.

A 20% lighter version of the original color is **34.9720, 27.5375, 57.5049**, and **4.8666, 2.8572, 10.8847** is the 20% darker color. If you saturate the color by 10%, you get **13.7573, 8.8620, 27.7736**, and if you desaturate by 10%, it is **17.1151, 13.4747, 28.4870**.

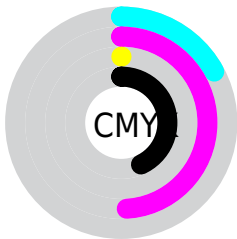
Distribution



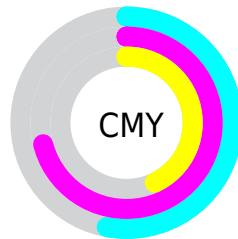
- Red (47%)
- Green (29%)
- Blue (57%)



- Red (47%)
- Yellow (29%)
- Blue (57%)



- Cyan (17%)
- Magenta (49%)
- Yellow (0%)
- Black (43%)



- Cyan (53%)
- Magenta (71%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3053, 10.9350, 28.0920 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 15.3053, 10.9350, 28.0920 by changing the saturation by 10% instead.

■ 15.3053, 10.9350,
28.0920

■ 15.3053, 10.9350,
28.0920

218.5587,
197.2211, 306.8320

■ 9.1216, 6.0231,
18.1554

■ 34.9552, 27.5399,
57.6562

■ 4.8784, 2.8592,
10.8910

■ 49.1521, 40.0018,
78.1208

■ 2.2101, 1.0587,
5.8803

■ 66.7508, 55.7490,
102.9318

■ 0.7480, 0.0000,
2.7048

■ 88.1166, 75.1662,
132.5078

■ 0.0000, 0.0000,
0.9459

■ 113.6150, 98.6376,
167.2673

■ 0.0000, 0.0000,
0.0000

143.6112,

126.5476, 207.6288

178.4707,
159.2806, 254.0108

■ 15.3053, 10.9350,
28.0920

■ 15.3053, 10.9350,
28.0920

■ 13.7573, 8.8620,
27.7736

■ 17.1151, 13.4747,
28.4870

■ 12.4536, 7.2229,
27.5260

■ 19.2000, 16.5081,
28.9626

■ 11.3766, 5.9827,
27.3434

■ 21.5739, 20.0618,
29.5234

■ 10.5052, 5.1003,
27.2190

■ 24.2493, 24.1601,
30.1735

■ 9.7919, 4.4817,
27.1372

■ 27.2381, 28.8256,
30.9165

■ 9.7211, 4.4210,
27.1292

■ 30.5512, 34.0797,
31.7560

■ 34.1992, 39.9427,
32.6954

■ 38.1921, 46.4338,
33.7379

■ 42.5395, 53.5716,
34.8865

Harmonies

Analogous

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



12.1350, 10.9350, 36.9796



15.3053, 10.9350, 28.0920



17.3169, 10.9350, 16.4942

Triad

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



15.3053, 10.9350, 28.0920



11.8915, 10.9350, 1.8358



5.6553, 10.9350, 17.2937

Complementary

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



15.3053, 10.9350, 28.0920



16.5074, 23.3981, 10.1254

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.



5.6159, 10.9350, 8.2595



15.3053, 10.9350, 28.0920



8.8269, 10.9350, 1.8851

Square

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



15.3053, 10.9350, 28.0920



15.0968, 10.9350, 3.3573



6.6639, 10.9350, 3.5606



6.7850, 10.9350, 28.9216

Rectangle

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



15.3053, 10.9350, 28.0920



17.5155, 10.9350, 10.1833



6.6639, 10.9350, 3.5606



5.5230, 10.9350, 13.8136

Sweetspot

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



15.3057, 10.9354, 28.0922



40.3210, 38.4919, 53.2781



12.4957, 12.6214, 28.5658



8.7754, 8.2665, 11.8053



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.



15.3057, 10.9354, 28.0922



24.3178, 15.4568, 49.6753



18.5370, 12.6821, 24.5902



5.4445, 5.4173, 6.7875



8.3668, 3.8069, 23.2709



0.1040, 0.0487, 0.2236

Inverse Universe

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



16.3783, 11.8186, 13.2230



26.7772, 17.4140, 18.6471



14.5292, 22.3387, 11.8250



5.4824, 5.4535, 6.0384



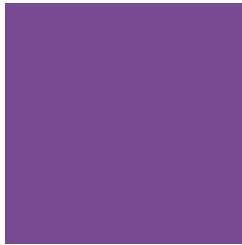
10.5409, 5.3734, 3.2336



0.1105, 0.0553, 0.0822

Previews

White Background



This preview shows how the XYZ color 15.3053, 10.9350, 28.0920 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 15.3053, 10.9350, 28.0920 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 15.3053, 10.9350, 28.0920

Background



This preview shows how black text looks on a background with the XYZ color 15.3053, 10.9350, 28.0920.



This preview shows how white text looks on a background with the XYZ color 15.3053, 10.9350,

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

15.3053, 10.9350, 28.0920

Protanopia

12.1361, 11.0770, 34.7561

Deuteranopia

11.3206, 11.0914, 26.7435



Tritanopia

11.9857, 10.8906, 11.8263

Trichromacy



Original Color

15.3053, 10.9350, 28.0920

Protanomaly

12.8211, 10.7484, 32.4092

Deuteranomaly

12.3301, 10.7324, 27.0129

Tritanomaly

13.0122, 10.8493, 16.7375

Monochromacy



Original Color

15.3053, 10.9350, 28.0920

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.3527, 11.1976, 17.4299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3053, 10.9350, 28.0920 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, 74, 145)` looks like.

```
.text, #text, p{  
    color:rgb(120, 74, 145)  
}
```

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, 74, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 74, 145) }
```

Border

The CSS property to change the border of an element to XYZ 15.3053, 10.9350, 28.0920 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, 74, 145) }
```


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

```
.border{ border-color:rgb(120, 74, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 74, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 74, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 74, 145);  
box-shadow:4px 4px 4px 4px rgb(120, 74,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3053, 10.9350, 28.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 74, 145) }
```

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

```
.background{ background-color: rgb(120, 74,  
145) }
```

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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