

Converting Colors

XYZ(16.6029, 13.0545, 27.2359)

Have a look what the booklet for
XYZ(16.6029, 13.0545, 27.2359)
contains.

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Color

**XYZ(16.6029, 13.0545,
27.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	7C578E
RGB	124, 87, 142
RGB Percent	49%, 34%, 56%
CMY	0.5137, 0.6588, 0.4431
CMYK	0.13, 0.39, 0.00, 0.44
HSL	280°, 24%, 45%
HSV	280°, 39%, 56%
XYZ	16.6029, 13.0545, 27.2359
YIQ	104.3330, 4.3970, 24.9490

Conversions

Conversions Part 2

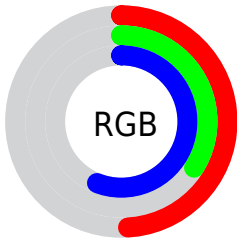
Format	Color
R_{YB}	124, 87, 142
Decimal	8148878
CIE Lab	42.85, 25.86, -24.56
CIE LCh	43, 35.662, 316.478
Yxy	13.0545, 0.2918, 0.2295
Android (android.graphics.Color)	4286338958 (0xFF7C578E)
YUV	104.3330, 18.5698, 17.2480
Hunter-Lab	36.1310, 18.7949, -19.4017

Details

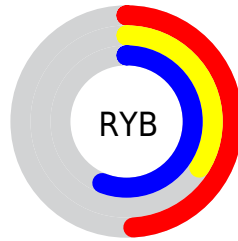
The XYZ color **16.6029, 13.0545, 27.2359** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.2194, 23.0377, 12.5566**, and the grayscale version is **13.1987, 13.8860, 15.1219**.

A 20% lighter version of the original color is **37.0409, 31.2240, 56.2991**, and **5.4712, 3.7288, 10.3289** is the 20% darker color. If you saturate the color by 10%, you get **14.9086, 10.6393, 26.8592**, and if you desaturate by 10%, it is **18.5559, 15.9395, 27.6900**.

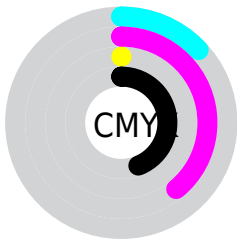
Distribution



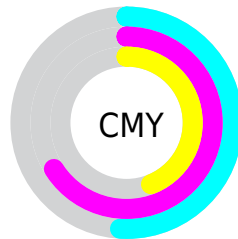
- Red (49%)
- Green (34%)
- Blue (56%)



- Red (49%)
- Yellow (34%)
- Blue (56%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (66%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6029, 13.0545, 27.2359 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 16.6029, 13.0545, 27.2359 by changing the saturation by 10% instead.

■ 16.6029, 13.0545,
27.2359

■ 16.6029, 13.0545,
27.2359

226.0746,
211.2667, 302.5937

■ 10.0453, 7.4661,
17.5165

■ 37.1908, 31.4017,
56.2705

■ 5.4915, 3.7553,
10.4376

■ 51.9518, 44.9292,
76.4228

■ 2.5761, 1.5376,
5.5806

■ 70.1781, 61.8719,
100.8897

■ 0.9338, 0.3150,
2.5272

■ 92.2349, 82.6142,
130.0899

■ 0.0000, 0.0000,
0.8545

■ 118.4876,
107.5404, 164.4419

■ 0.0000, 0.0000,
0.0000

149.3015,

137.0349, 204.3641

185.0421,
171.4822, 250.2752

■ 16.6029, 13.0545,
27.2359

■ 16.6029, 13.0545,
27.2359

■ 14.9086, 10.6393,
26.8592

■ 18.5559, 15.9395,
27.6900

■ 13.4579, 8.6653,
26.5547

■ 20.7790, 19.3172,
28.2248

■ 12.2361, 7.1034,
26.3176

■ 23.2843, 23.2113,
28.8444

■ 11.2262, 5.9201,
26.1424

■ 26.0829, 27.6430,
29.5523

■ 10.4084, 5.0768,
26.0227

■ 29.1852, 32.6328,
30.3519

■ 9.7384, 4.4853,
25.9439

■ 32.6011, 38.1997,
31.2464

■ 9.6569, 4.4143,
25.9345

■ 36.3400, 44.3621,
32.2388

■ 40.4109, 51.1372,
33.3320

■ 44.8224, 58.5420,
34.5287

Harmonies

Analogous

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



13.9524, 13.0545, 33.9762



16.6029, 13.0545, 27.2359



18.2238, 13.0545, 18.0147

Triad

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



16.6029, 13.0545, 27.2359



13.6723, 13.0545, 4.0540



8.0355, 13.0545, 18.9036

Complementary

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



16.6029, 13.0545, 27.2359



17.2194, 23.0377, 12.5566

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.



7.9833, 13.0545, 10.9896



16.6029, 13.0545, 27.2359



10.9818, 13.0545, 4.1413

Square

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



16.6029, 13.0545, 27.2359



16.3722, 13.0545, 5.8804



8.9867, 13.0545, 6.1892



9.1415, 13.0545, 28.0880

Rectangle

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



16.6029, 13.0545, 27.2359



18.3684, 13.0545, 12.5893



8.9867, 13.0545, 6.1892



7.9003, 13.0545, 15.9731

Sweetspot

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



16.6033, 13.0550, 27.2362



39.4469, 38.4082, 50.4623



13.8991, 14.1510, 27.5903



8.7014, 8.4086, 11.2438



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.6033, 13.0550, 27.2362



26.7879, 19.4589, 47.4719



18.7860, 14.2565, 23.8920



5.4570, 5.4238, 6.7880



8.6902, 3.9736, 23.2860



0.1063, 0.0500, 0.2237

Inverse Universe

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



17.1137, 13.5876, 15.0858



27.9636, 20.6187, 22.5108



15.7229, 22.2202, 14.5674



5.4771, 5.4514, 6.0105



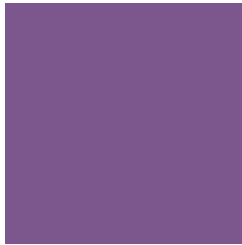
10.4748, 5.3469, 2.8856



0.1095, 0.0549, 0.0767

Previews

White Background



This preview shows how the XYZ color 16.6029, 13.0545, 27.2359 looks on a white background.

Color Contrast Check

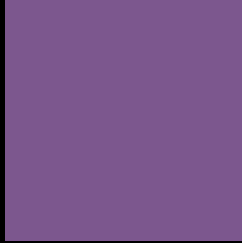
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6029, 13.0545, 27.2359 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 16.6029, 13.0545, 27.2359

Background



This preview shows how black text looks on a background with the XYZ color 16.6029, 13.0545, 27.2359.



This preview shows how white text looks on a background with the XYZ color 16.6029, 13.0545,

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

16.6029, 13.0545, 27.2359

Protanopia

13.7919, 13.2203, 31.5306

Deuteranopia

13.3372, 13.1023, 26.2521



Tritanopia

14.0116, 13.0152, 14.6057

Trichromacy



Original Color

16.6029, 13.0545, 27.2359

Protanomaly

14.4745, 12.9192, 29.7477

Deuteranomaly

14.3053, 12.9026, 26.5474

Tritanomaly

14.7838, 12.9317, 18.5465

Monochromacy



Original Color

16.6029, 13.0545, 27.2359

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.1932, 13.4229, 18.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6029, 13.0545, 27.2359 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(124, 87, 142)` looks like.

```
.text, #text, p{  
    color:rgb(124, 87, 142)  
}
```

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(124, 87, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 87, 142) }
```

Border

The CSS property to change the border of an element to XYZ 16.6029, 13.0545, 27.2359 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(124, 87, 142) }
```


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

```
.border{ border-color:rgb(124, 87, 142) }
```

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

Here you see how a box with a 4 pixel rgb(124, 87, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 87, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 87, 142);  
box-shadow:4px 4px 4px 4px rgb(124, 87,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6029, 13.0545, 27.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 87, 142) }
```

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

```
.background{ background-color: rgb(124, 87,  
142) }
```

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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