

Converting Colors

XYZ(14.0138, 8.2663, 29.1468)

Have a look what the booklet for
XYZ(14.0138, 8.2663, 29.1468)
contains.

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Color

**XYZ(14.0366, 8.3027,
29.2965)**

Conversions

Conversions Part 1

Format	Color
Hex	763295
RGB	118, 50, 149
RGB Percent	46%, 20%, 58%
CMY	0.5372, 0.8039, 0.4157
CMYK	0.21, 0.66, 0.00, 0.42
HSL	281°, 50%, 39%
HSV	281°, 66%, 58%
XYZ	14.0366, 8.3027, 29.2965
YIQ	81.6180, 8.7490, 45.2050

Conversions

Conversions Part 2

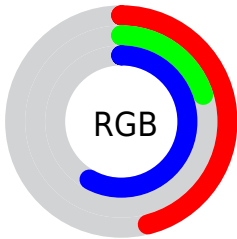
Format	Color
R _Y B	118, 50, 149
Decimal	7746197
CIE Lab	34.61, 46.16, -41.87
CIE LCh	35, 62.318, 317.794
Yxy	8.3027, 0.2718, 0.1608
Android (android.graphics.Color)	4285936277 (0xFF763295)
YUV	81.6180, 33.2193, 31.9070
Hunter-Lab	28.8144, 36.5290, -40.1119

Details

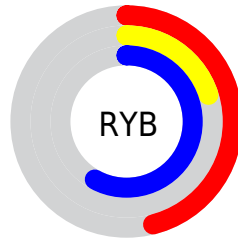
The XYZ color **14.0366, 8.3027, 29.2965** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **14.7168, 23.4747, 6.7734**, and the grayscale version is **7.8788, 8.2891, 9.0268**.

A 20% lighter version of the original color is **32.7863, 22.5512, 59.7515**, and **4.3376, 1.9869, 11.4641** is the 20% darker color. If you saturate the color by 10%, you get **12.8822, 6.9111, 29.0889**, and if you desaturate by 10%, it is **15.4304, 10.1258, 29.5751**.

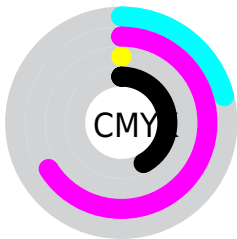
Distribution



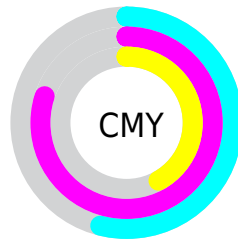
- Red (46%)
- Green (20%)
- Blue (58%)



- Red (46%)
- Yellow (20%)
- Blue (58%)



- Cyan (21%)
- Magenta (66%)
- Yellow (0%)
- Black (42%)



- Cyan (54%)
- Magenta (80%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0366, 8.3027, 29.2965 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 14.0366, 8.3027, 29.2965 by changing the saturation by 10% instead.

14.0366, 8.3027,
29.2965

14.0366, 8.3027,
29.2965

210.9645,
178.0873, 312.7160

8.2280, 4.2892,
19.0577

32.7397, 22.5498,
59.5956

4.2942, 1.8366,
11.5348

46.3649, 33.5521,
80.4931

1.8699, 0.5099,
6.3091

63.3263, 47.6530,
105.7805

0.5592, 0.0000,
2.9621

83.9893, 65.2366,
135.8764

0.0000, 0.0000,
1.0753

108.7193, 86.6875,
171.1994

0.0000, 0.0000,
0.0000

137.8816,

112.3899, 212.1679

171.8415,
142.7284, 259.2006

■ 14.0366, 8.3027,
29.2965

■ 14.0366, 8.3027,
29.2965

■ 12.8822, 6.9111,
29.0889

■ 15.4304, 10.1258,
29.5751

■ 11.9447, 5.9078,
28.9446

■ 17.0811, 12.4160,
29.9301

■ 11.1918, 5.2284,
28.8532

■ 19.0058, 15.2063,
30.3673

■ 10.9434, 5.0149,
28.8251

■ 21.2195, 18.5263,
30.8914

■ 23.7363, 22.4033,
31.5071

■ 26.5691, 26.8626,
32.2185

■ 29.7301, 31.9282,
33.0297

■ 33.2309, 37.6224,
33.9443

■ 37.0823, 43.9665,
34.9658

Harmonies

Analogous

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



10.1441, 8.3027, 42.8713



14.0366, 8.3027, 29.2965



16.5201, 8.3027, 13.7855

Triad

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



14.0366, 8.3027, 29.2965



9.4097, 8.3027, 0.0000



3.0444, 8.3027, 16.3457

Complementary

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



14.0366, 8.3027, 29.2965



14.7168, 23.4747, 6.7734

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.



2.9548, 8.3027, 5.5320



14.0366, 8.3027, 29.2965



5.9998, 8.3027, 0.0229

Square

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



14.0366, 8.3027, 29.2965



13.3633, 8.3027, 0.9441



3.8668, 8.3027, 1.2724



4.1639, 8.3027, 32.3187

Rectangle

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



14.0366, 8.3027, 29.2965



16.6685, 8.3027, 6.6597



3.8668, 8.3027, 1.2724



2.9081, 8.3027, 11.9296

Sweetspot

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



14.0370, 8.3030, 29.2967



40.6551, 37.2462, 55.9677



9.7090, 8.7854, 29.6179



8.7575, 7.8659, 12.3415



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.0370, 8.3030, 29.2967



22.1544, 11.3641, 51.9471



17.6218, 10.3057, 22.4801



5.8605, 5.8190, 7.2840



9.2418, 4.2369, 24.2617



0.1436, 0.0676, 0.2984

Inverse Universe

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



15.0205, 9.2651, 8.7816



24.6474, 13.5714, 10.4033



13.1111, 22.5924, 9.1630



5.8712, 5.8435, 6.4277



10.8699, 5.5530, 2.7958



0.1452, 0.0728, 0.0981

Previews

White Background



This preview shows how the XYZ color 14.0366, 8.3027, 29.2965 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

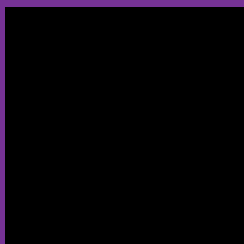
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0366, 8.3027, 29.2965

Background



This preview shows how black text looks on a background with the XYZ color 14.0366, 8.3027, 29.2965.



This preview shows how white text looks on a background with the XYZ color 14.0366, 8.3027,

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

14.0366, 8.3027, 29.2965

Protanopia

9.8639, 8.4191, 38.1510

Deuteranopia

8.6468, 8.4768, 27.1670



Tritanopia

9.7559, 8.3106, 8.2976

Trichromacy



Original Color

14.0366, 8.3027, 29.2965

Protanomaly

9.4964, 7.2210, 34.6115

Deuteranomaly

9.4140, 7.6076, 27.7603

Tritanomaly

10.8876, 8.0458, 14.0759

Monochromacy



Original Color

14.0366, 8.3027, 29.2965

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.5110, 7.8538, 14.6503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0366, 8.3027, 29.2965 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(118, 50, 149)` looks like.

```
.text, #text, p{  
    color:rgb(118, 50, 149)  
}
```

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(118, 50, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 50, 149) }
```

Border

The CSS property to change the border of an element to XYZ 14.0366, 8.3027, 29.2965 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(118, 50, 149) }
```


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

```
.border{ border-color:rgb(118, 50, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 50, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 50, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 50, 149);  
box-shadow:4px 4px 4px 4px rgb(118, 50,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0366, 8.3027, 29.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 50, 149) }
```

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

```
.background{ background-color: rgb(118, 50,  
149) }
```

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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