

Converting Colors

XYZ(16.9408, 14.6157, 27.1932)

Have a look what the booklet for
XYZ(16.9408, 14.6157, 27.1932)
contains.

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Color

**XYZ(16.9211, 14.6515,
27.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	78628D
RGB	120, 98, 141
RGB Percent	47%, 38%, 55%
CMY	0.5294, 0.6157, 0.4471
CMYK	0.15, 0.30, 0.00, 0.45
HSL	271°, 18%, 47%
HSV	271°, 30%, 55%
XYZ	16.9211, 14.6515, 27.1355
YIQ	109.4800, -0.6910, 18.0370

Conversions

Conversions Part 2

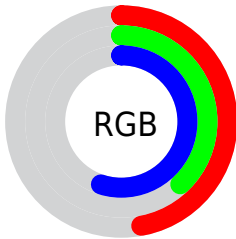
Format	Color
R_{YB}	120, 98, 141
Decimal	7889549
CIE _{Lab}	45.15, 17.69, -20.42
CIE _{LCh}	45, 27.017, 310.890
Yxy	14.6515, 0.2882, 0.2496
Android (android.graphics.Color)	4286079629 (0xFF78628D)
YUV	109.4800, 15.5394, 9.2260
Hunter-Lab	38.2773, 11.9236, -15.2377

Details

The XYZ color **16.9211, 14.6515, 27.1355** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.3377, 23.8539, 15.1410**, and the grayscale version is **14.6299, 15.3918, 16.7617**.

A 20% lighter version of the original color is **37.8314, 34.3193, 56.2601**, and **5.6707, 4.4626, 10.4600** is the 20% darker color. If you saturate the color by 10%, you get **14.7954, 11.7670, 26.6910**, and if you desaturate by 10%, it is **19.3489, 18.0375, 27.6613**.

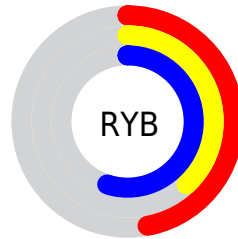
Distribution



Red (47%)

Green (38%)

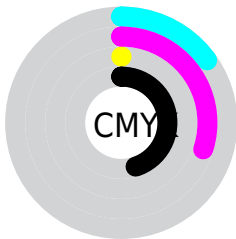
Blue (55%)



Red (47%)

Yellow (38%)

Blue (55%)

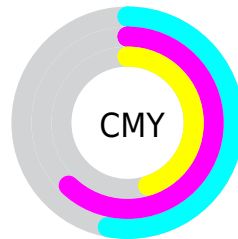


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9211, 14.6515, 27.1355 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 16.9211, 14.6515, 27.1355 by changing the saturation by 10% instead.

■ 16.9211, 14.6515,
27.1355

■ 16.9211, 14.6515,
27.1355

227.8824,
221.2470, 302.0935

■ 10.2732, 8.5752,
17.4417

■ 37.7347, 34.2406,
56.1076

■ 5.6441, 4.4651,
10.3846

■ 52.6312, 48.5222,
76.2230

■ 2.6685, 1.9370,
5.5458

■ 71.0079, 66.3077,
100.6493

■ 0.9810, 0.5705,
2.5066

■ 93.2302, 87.9814,
129.8050

■ 0.0000, 0.0000,
0.8437

119.6634,
113.9279, 164.1088

■ 0.0000, 0.0000,
0.0000

150.6730,

144.5313, 203.9791

186.6242,
180.1763, 249.8345

■ 16.9211, 14.6515,
27.1355

■ 16.9211, 14.6515,
27.1355

■ 14.7954, 11.7670,
26.6910

■ 19.3489, 18.0375,
27.6613

■ 12.9567, 9.3570,
26.3227

■ 22.0900, 21.9465,
28.2714

■ 11.3907, 7.3947,
26.0265

■ 25.1569, 26.4008,
28.9695

■ 10.0811, 5.8498,
25.7974

■ 28.5607, 31.4212,
29.7591

■ 9.0096, 4.6883,
25.6296

■ 32.3123, 37.0269,
30.6434

8.1551, 3.8701,
25.5167

36.4217, 43.2367,
31.6254

7.4906, 3.3062,
25.4429

40.8987, 50.0682,
32.7081

45.7527, 57.5383,
33.8941

50.9928, 65.6635,
35.1863

Harmonies

Analogous

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



14.7505, 14.6515, 31.2798



16.9211, 14.6515, 27.1355



18.3763, 14.6515, 20.3141

Triad

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



16.9211, 14.6515, 27.1355



15.3753, 14.6515, 6.9446



10.1299, 14.6515, 18.3837

Complementary

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



16.9211, 14.6515, 27.1355



19.3377, 23.8539, 15.1410

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.



10.2590, 14.6515, 12.2655



16.9211, 14.6515, 27.1355



13.1324, 14.6515, 6.6865

Square

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



16.9211, 14.6515, 27.1355



17.4202, 14.6515, 9.1966



11.3067, 14.6515, 8.3621



10.9331, 14.6515, 25.4024

Rectangle

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



16.9211, 14.6515, 27.1355



18.6611, 14.6515, 15.7633



11.3067, 14.6515, 8.3621



10.0681, 14.6515, 16.1442

Sweetspot

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



16.9216, 14.6521, 27.1358



40.2409, 40.2846, 50.7827



16.5017, 17.8333, 27.7720



8.8361, 8.7789, 11.3082



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.



16.9216, 14.6521, 27.1358



27.4727, 22.3826, 48.0002



20.1603, 16.3217, 27.2874



5.3761, 5.3821, 6.7843



6.8483, 3.0240, 23.1998



0.0909, 0.0420, 0.2230

Inverse Universe

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



18.6824, 15.7306, 19.5050



31.2911, 24.7204, 31.4911



16.7670, 22.5286, 15.0207



5.5117, 5.4652, 6.1928



10.9993, 5.5568, 5.6478



0.1162, 0.0576, 0.1123

Previews

White Background



This preview shows how the XYZ color 16.9211, 14.6515, 27.1355 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 16.9211, 14.6515, 27.1355 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 16.9211, 14.6515, 27.1355

Background



This preview shows how black text looks on a background with the XYZ color 16.9211, 14.6515, 27.1355.



This preview shows how white text looks on a background with the XYZ color 16.9211, 14.6515,

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

16.9211, 14.6515, 27.1355

Protanopia

15.1398, 14.8475, 29.6717

Deuteranopia

15.0407, 14.7059, 26.8567



Tritanopia

14.9452, 14.7153, 17.3819

Trichromacy



Original Color

16.9211, 14.6515, 27.1355

Protanomaly

15.6700, 14.6879, 28.7972

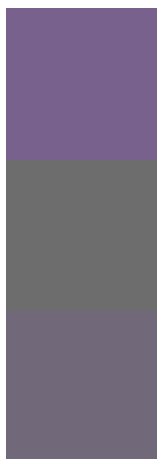
Deuteranomaly

15.5484, 14.5220, 26.7945

Tritanomaly

15.6626, 14.7147, 20.7536

Monochromacy



Original Color

16.9211, 14.6515, 27.1355

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.3128, 14.9943, 20.1763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9211, 14.6515, 27.1355 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, 98, 141)` looks like.

```
.text, #text, p{  
    color:rgb(120, 98, 141)  
}
```

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, 98, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 98, 141) }
```

Border

The CSS property to change the border of an element to XYZ 16.9211, 14.6515, 27.1355 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, 98, 141) }
```


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

```
.border{ border-color:rgb(120, 98, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 98, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 98, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 98, 141);  
box-shadow:4px 4px 4px 4px rgb(120, 98,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9211, 14.6515, 27.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 98, 141) }
```

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

```
.background{ background-color: rgb(120, 98,  
141) }
```

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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