

Converting Colors

XYZ(27.0687, 15.8816, 14.3027)

Have a look what the booklet for
XYZ(27.0687, 15.8816, 14.3027)
contains.

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Color

**XYZ(27.1501, 15.8913,
14.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	C63966
RGB	198, 57, 102
RGB Percent	78%, 22%, 40%
CMY	0.2235, 0.7764, 0.6000
CMYK	0.00, 0.71, 0.48, 0.22
HSL	341°, 55%, 50%
HSV	341°, 71%, 78%
XYZ	27.1501, 15.8913, 14.2067
YIQ	104.2890, 69.5910, 43.8870

Conversions

Conversions Part 2

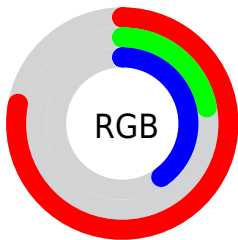
Format	Color
R_{YB}	198, 57, 102
Decimal	12990822
CIE _{Lab}	46.83, 58.47, 6.89
CIE _{LCh}	47, 58.871, 6.722
Yxy	15.8913, 0.4743, 0.2776
Android (android.graphics.Color)	4291180902 (0xFFC63966)
YUV	104.2890, -1.1285, 82.1845
Hunter-Lab	39.8639, 51.8092, 6.7749

Details

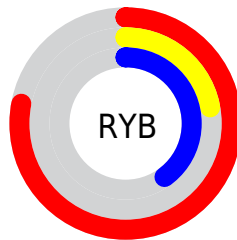
The XYZ color **27.1501, 15.8913, 14.2067** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.6324, 43.5584, 37.0919**, and the grayscale version is **13.2263, 13.9151, 15.1536**.

A 20% lighter version of the original color is **53.0071, 35.5945, 34.2136**, and **11.3613, 5.7745, 4.2572** is the 20% darker color. If you saturate the color by 10%, you get **25.7398, 14.0551, 10.7018**, and if you desaturate by 10%, it is **29.0515, 18.5357, 18.4120**.

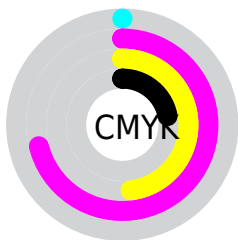
Distribution



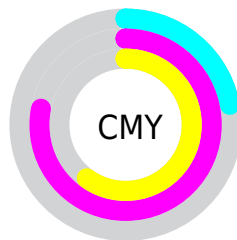
- Red (78%)
- Green (22%)
- Blue (40%)



- Red (78%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (71%)
- Yellow (48%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1501, 15.8913, 14.2067 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 27.1501, 15.8913, 14.2067 by changing the saturation by 10% instead.


 27.1501, 15.8913,
14.2067


 27.1501, 15.8913,
14.2067


280.5375,
228.6994, 229.9859


 17.8232, 9.4473,
8.1242


 54.5428, 36.4094,
34.1777


 10.9220, 5.0340,
4.0856


 73.3393, 51.2522,
48.9033


 6.0813, 2.2673,
1.6724


 96.0230, 69.6635,
67.3470

 2.9357, 0.7563,
0.3417

 122.9593, 92.0275,
89.9273

 1.1199, 0.0000,
0.0000

 154.5136,
118.7287, 117.0629

 0.0416, 0.0000,
0.0000

191.0511,

 0.0000, 0.0000,

150.1515, 149.1721

0.0000

232.9373,
186.6803, 186.6736

■ 27.1501, 15.8913,
14.2067

■ 27.1501, 15.8913,
14.2067

■ 25.7398, 14.0551,
10.7018

■ 29.0515, 18.5357,
18.4120

■ 24.7668, 12.9279,
7.8532

■ 31.4873, 22.0670,
23.3560

■ 24.1910, 12.3667,
5.8416

■ 34.4973, 26.5574,
29.0747

■ 38.1168, 32.0708,
35.6013

■ 42.3785, 38.6656,
42.9671

■ 47.3123, 46.3958,
51.2015

■ 52.9466, 55.3118,
60.3324

■ 59.3079, 65.4609,
70.3864

■ 66.4213, 76.8878,
81.3892

Harmonies

Analogous

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



26.0792, 15.8913, 31.0168



27.1501, 15.8913, 14.2067



24.4549, 15.8913, 5.3229

Triad

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



27.1501, 15.8913, 14.2067



9.9470, 15.8913, 3.1110



11.5364, 15.8913, 58.3041

Complementary

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



27.1501, 15.8913, 14.2067



27.6324, 43.5584, 37.0919

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.



8.5048, 15.8913, 40.2444



27.1501, 15.8913, 14.2067



7.7426, 15.8913, 8.3775

Square

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



27.1501, 15.8913, 14.2067



13.9804, 15.8913, 1.6875



7.2819, 15.8913, 20.8192



16.2867, 15.8913, 63.1583

Rectangle

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



27.1501, 15.8913, 14.2067



21.1792, 15.8913, 2.8114



7.2819, 15.8913, 20.8192



10.3185, 15.8913, 53.2233

Sweetspot

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



27.1505, 15.8922, 14.2070



74.9572, 68.3336, 75.9386



24.4196, 13.5839, 54.7609



15.5667, 13.8844, 15.4398



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.1505, 15.8922, 14.2070



44.6170, 23.7326, 16.2544



26.9334, 18.1131, 5.9487



10.7710, 10.6918, 11.7775



15.7668, 8.0563, 3.9821



0.7798, 0.3948, 0.3637

Inverse Universe

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



27.1505, 15.8922, 14.2070



44.6170, 23.7326, 16.2544



27.1140, 35.4135, 58.8324



10.7710, 10.6918, 11.7775



15.7668, 8.0563, 3.9821



0.7798, 0.3948, 0.3637

Previews

White Background



This preview shows how the XYZ color 27.1501, 15.8913, 14.2067 looks on a white background.

Color Contrast Check

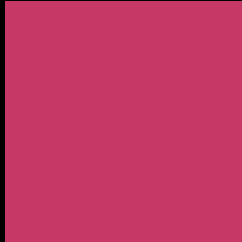
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1501, 15.8913, 14.2067 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 27.1501, 15.8913, 14.2067

Background



This preview shows how black text looks on a background with the XYZ color 27.1501, 15.8913, 14.2067.



This preview shows how white text looks on a background with the XYZ color 27.1501, 15.8913,

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

27.1501, 15.8913, 14.2067

Protanopia

16.0336, 16.2230, 24.1161

Deuteranopia

16.3302, 16.1405, 13.0812



Tritanopia

25.6986, 15.9337, 7.1899

Trichromacy



Original Color

27.1501, 15.8913, 14.2067

Protanomaly

18.1768, 14.5254, 19.9348

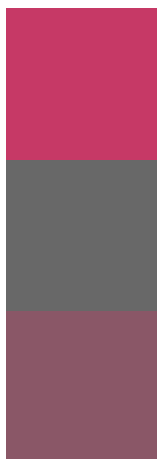
Deuteranomaly

18.9139, 14.7989, 13.4149

Tritanomaly

26.1965, 15.8948, 9.2767

Monochromacy



Original Color

27.1501, 15.8913, 14.2067

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.3376, 13.1989, 14.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1501, 15.8913, 14.2067 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(198, 57, 102)` looks like.

```
.text, #text, p{  
    color:rgb(198, 57, 102)  
}
```

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(198, 57, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 57, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.1501, 15.8913, 14.2067 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(198, 57, 102) }
```


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

```
.border{ border-color:rgb(198, 57, 102) }
```

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

Here you see how a box with a 4 pixel rgb(198, 57, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 57, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 57, 102);  
box-shadow:4px 4px 4px 4px rgb(198, 57,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1501, 15.8913, 14.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 57, 102) }
```

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

```
.background{ background-color: rgb(198, 57,  
102) }
```

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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