

Converting Colors

XYZ(27.5363, 18.2629, 15.7094)

Have a look what the booklet for
XYZ(27.5363, 18.2629, 15.7094)
contains.

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Color

**XYZ(27.5363, 18.2629,
15.7094)**

Conversions

Conversions Part 1

Format	Color
Hex	C1516A
RGB	193, 81, 106
RGB Percent	76%, 32%, 42%
CMY	0.2431, 0.6823, 0.5843
CMYK	0.00, 0.58, 0.45, 0.24
HSL	347°, 47%, 54%
HSV	347°, 58%, 76%
XYZ	27.5363, 18.2629, 15.7094
YIQ	117.3380, 58.7270, 31.5190

Conversions

Conversions Part 2

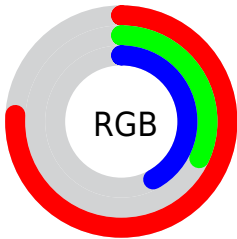
Format	Color
R_{YB}	193, 81, 106
Decimal	12669290
CIE _{Lab}	49.81, 47.17, 8.57
CIE _{LCh}	50, 47.940, 10.303
Yxy	18.2629, 0.4477, 0.2969
Android (android.graphics.Color)	4290859370 (0xFFC1516A)
YUV	117.3380, -5.5896, 66.3556
Hunter-Lab	42.7351, 40.2297, 8.1196

Details

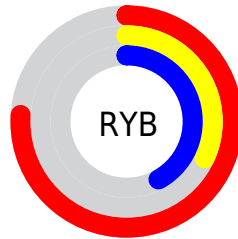
The XYZ color **27.5363, 18.2629, 15.7094** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **29.5323, 42.7169, 43.7373**, and the grayscale version is **17.0181, 17.9043, 19.4978**.

A 20% lighter version of the original color is **55.1189, 40.3672, 36.7848**, and **11.1287, 6.1619, 4.7405** is the 20% darker color. If you saturate the color by 10%, you get **25.5877, 15.5063, 11.5437**, and if you desaturate by 10%, it is **30.0297, 21.8910, 20.7296**.

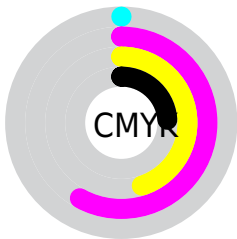
Distribution



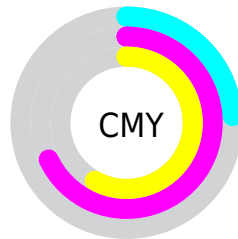
- Red (76%)
- Green (32%)
- Blue (42%)



- Red (76%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (24%)




- Cyan (24%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5363, 18.2629, 15.7094 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 27.5363, 18.2629, 15.7094 by changing the saturation by 10% instead.


 27.5363, 18.2629,
15.7094


 27.5363, 18.2629,
15.7094


282.3649,
242.3487, 239.4077


 18.1151, 11.1389,
9.1666


 55.1571, 40.4848,
36.8527


 11.1328, 6.1603,
4.7517


 74.0874, 56.3515,
52.2903


 6.2242, 2.9428,
2.0462


 96.9181, 75.9012,
71.5300

 3.0238, 1.1020,
0.5834

 124.0145, 99.5183,
94.9902

 1.1664, 0.0000,
0.0000

 155.7421,
127.5872, 123.0896

 0.0796, 0.0000,
0.0000

192.4661,

 0.0000, 0.0000,

160.4923, 156.2466

0.0000

234.5519,
198.6180, 194.8797

■ 27.5363, 18.2629,
15.7094

■ 27.5363, 18.2629,
15.7094

■ 25.5877, 15.5063,
11.5437

■ 30.0297, 21.8910,
20.7296

■ 24.1398, 13.5444,
8.1822

■ 33.1045, 26.4531,
26.6485

■ 23.1438, 12.2916,
5.5707

■ 36.7956, 32.0092,
33.5081

■ 22.5274, 11.6176,
3.6429

■ 41.1347, 38.6137,
41.3478

■ 22.4297, 11.5124,
3.3324

■ 46.1515, 46.3169,
50.2044

■ 51.8735, 55.1656,
60.1128

■ 58.3270, 65.2043,
71.1064

■ 65.5367, 76.4749,
83.2170

■ 73.5262, 89.0172,
96.4750

Harmonies

Analogous

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



27.0320, 18.2629, 29.6470



27.5363, 18.2629, 15.7094



24.9720, 18.2629, 7.6319

Triad

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



27.5363, 18.2629, 15.7094



12.2655, 18.2629, 6.1920



14.5580, 18.2629, 54.3044

Complementary

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



27.5363, 18.2629, 15.7094



29.5323, 42.7169, 43.7373

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.



11.4747, 18.2629, 41.0488



27.5363, 18.2629, 15.7094



10.3212, 18.2629, 12.5426

Square

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



27.5363, 18.2629, 15.7094



15.8314, 18.2629, 3.9673



10.0597, 18.2629, 24.7423



18.9804, 18.2629, 56.4184

Rectangle

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



27.5363, 18.2629, 15.7094



22.0934, 18.2629, 5.0437



10.0597, 18.2629, 24.7423



13.3533, 18.2629, 50.7964

Sweetspot

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



27.5368, 18.2639, 15.7097



74.3136, 70.1380, 75.1974



28.4771, 17.9372, 52.4134



15.5810, 14.4939, 15.4862



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.5368, 18.2639, 15.7097



44.9404, 26.5487, 18.6784



29.1482, 23.2724, 10.7416



10.1632, 10.1139, 10.9499



14.9437, 7.6672, 2.3496



0.6725, 0.3420, 0.2430

Inverse Universe

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



27.5368, 18.2639, 15.7097



44.9404, 26.5487, 18.6784



26.1407, 31.8422, 55.2205



10.1632, 10.1139, 10.9499



14.9437, 7.6672, 2.3496



0.6725, 0.3420, 0.2430

Previews

White Background



This preview shows how the XYZ color 27.5363, 18.2629, 15.7094 looks on a white background.

Color Contrast Check

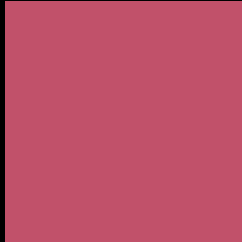
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5363, 18.2629, 15.7094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

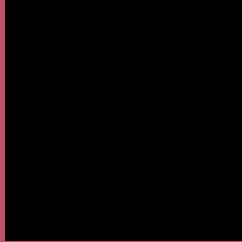
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5363, 18.2629, 15.7094

Background



This preview shows how black text looks on a background with the XYZ color 27.5363, 18.2629, 15.7094.



This preview shows how white text looks on a background with the XYZ color 27.5363, 18.2629,

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

27.5363, 18.2629, 15.7094

Protanopia

17.8521, 18.3852, 22.3464

Deuteranopia

18.7962, 18.5194, 14.8959



Tritanopia

26.7540, 18.2853, 11.7922

Trichromacy



Original Color

27.5363, 18.2629, 15.7094

Protanomaly

20.2354, 17.5461, 19.7730

Deuteranomaly

21.2031, 17.8479, 15.1594

Tritanomaly

26.9428, 18.2375, 13.1665

Monochromacy



Original Color

27.5363, 18.2629, 15.7094

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.6080, 17.1126, 17.8924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5363, 18.2629, 15.7094 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(193, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(193, 81, 106)  
}
```

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(193, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 81, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.5363, 18.2629, 15.7094 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(193, 81, 106) }
```


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

```
.border{ border-color:rgb(193, 81, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 81, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 81, 106); box-shadow:4px 4px 4px 4px rgb(193, 81, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5363, 18.2629, 15.7094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 81, 106) }
```

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

```
.background{ background-color: rgb(193, 81,  
106) }
```

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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