

Converting Colors

XYZ(28.5262, 19.7261, 15.1360)

Have a look what the booklet for
XYZ(28.5262, 19.7261, 15.1360)
contains.

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Color

**XYZ(28.5262, 19.7261,
15.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	C35967
RGB	195, 89, 103
RGB Percent	76%, 35%, 40%
CMY	0.2353, 0.6510, 0.5961
CMYK	0.00, 0.54, 0.47, 0.24
HSL	352°, 47%, 56%
HSV	352°, 54%, 76%
XYZ	28.5262, 19.7261, 15.1360
YIQ	122.2900, 58.6820, 26.8260

Conversions

Conversions Part 2

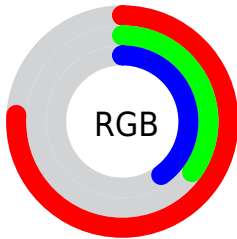
Format	Color
R_{YB}	195, 89, 103
Decimal	12802407
CIE _{Lab}	51.53, 43.70, 12.82
CIE _{LCh}	52, 45.544, 16.348
Yxy	19.7261, 0.4500, 0.3112
Android (android.graphics.Color)	4290992487 (0xFFC35967)
YUV	122.2900, -9.5100, 63.7667
Hunter-Lab	44.4141, 36.9221, 10.8842

Details

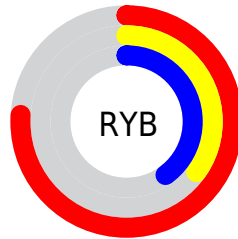
The XYZ color **28.5262, 19.7261, 15.1360** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **31.9765, 44.4906, 50.6211**, and the grayscale version is **18.6108, 19.5800, 21.3226**.

A 20% lighter version of the original color is **56.7457, 42.9391, 35.8691**, and **11.6612, 6.8656, 4.4520** is the 20% darker color. If you saturate the color by 10%, you get **26.3477, 16.5940, 10.6343**, and if you desaturate by 10%, it is **31.3074, 23.7885, 20.6874**.

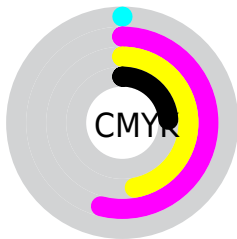
Distribution



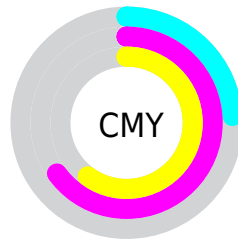
- Red (76%)
- Green (35%)
- Blue (40%)



- Red (76%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (54%)
- Yellow (47%)
- Black (24%)




- Cyan (24%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5262, 19.7261, 15.1360 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 28.5262, 19.7261, 15.1360 by changing the saturation by 10% instead.


 28.5262, 19.7261,
15.1360


 28.5262, 19.7261,
15.1360

287.0075,
250.4285, 235.8570


 18.8652, 12.1961,
8.7672


 56.7262, 42.9575,
35.8373


 11.6763, 6.8774,
4.4949


 75.9960, 59.4277,
51.0068

 6.5943, 3.3855,
1.9006


 99.1993, 79.6467,
69.9470

 3.2538, 1.3362,
0.4931

 126.7016,
103.9990, 93.0764

 1.2893, 0.1689,
0.0000

158.8682,
132.8689, 120.8136

 0.1752, 0.0000,
0.0000

196.0645,

 0.0000, 0.0000,

166.6409, 153.5771

0.0000

238.6558,
205.6992, 191.7853

■ 28.5262, 19.7261,
15.1360

■ 28.5262, 19.7261,
15.1360

■ 26.3477, 16.5940,
10.6343

■ 31.3074, 23.7885,
20.6874

■ 24.7253, 14.3153,
7.1146

■ 34.7303, 28.8439,
27.3480

■ 23.6077, 12.8064,
4.5030

■ 38.8323, 34.9529,
35.1744

■ 22.9332, 11.9647,
2.7142

■ 43.6477, 42.1707,
44.2187

■ 22.6892, 11.6755,
2.0202

■ 49.2083, 50.5483,
54.5299

■ 55.5439, 60.1338,
66.1545

■ 62.6828, 70.9725,
79.1365

■ 70.6518, 83.1073,
93.5177

■ 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



28.6682, 19.7261, 27.9939



28.5262, 19.7261, 15.1360



25.5043, 19.7261, 7.9154

Triad

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



28.5262, 19.7261, 15.1360



13.0746, 19.7261, 8.3544



16.7475, 19.7261, 56.4640

Complementary

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



28.5262, 19.7261, 15.1360



31.9765, 44.4906, 50.6211

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.



13.3063, 19.7261, 45.3657



28.5262, 19.7261, 15.1360



11.4309, 19.7261, 16.0614

Square

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



28.5262, 19.7261, 15.1360



16.3792, 19.7261, 5.2343



11.5081, 19.7261, 29.3832



21.3371, 19.7261, 55.8813

Rectangle

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



28.5262, 19.7261, 15.1360



22.5063, 19.7261, 5.6746



11.5081, 19.7261, 29.3832



15.4351, 19.7261, 53.8294

Sweetspot

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



28.5267, 19.7271, 15.1364



76.4414, 72.9257, 75.9598



32.4481, 20.8936, 53.9522



16.3309, 15.3563, 15.8684



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.



28.5267, 19.7271, 15.1364



46.6429, 28.9441, 17.8868



32.0113, 27.7280, 13.1174



10.1261, 10.0991, 10.7548



14.7648, 7.5957, 1.4077



0.6560, 0.3354, 0.1559

Inverse Universe

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



28.5267, 19.7271, 15.1364



46.6429, 28.9441, 17.8868



25.8819, 29.8867, 56.0341



10.1261, 10.0991, 10.7548



14.7648, 7.5957, 1.4077



0.6560, 0.3354, 0.1559

Previews

White Background



This preview shows how the XYZ color 28.5262, 19.7261, 15.1360 looks on a white 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

Black Background



This preview shows how the XYZ color 28.5262, 19.7261, 15.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

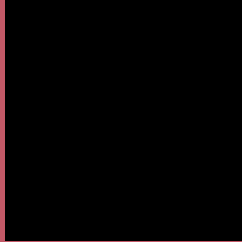
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5262, 19.7261, 15.1360

Background



This preview shows how black text looks on a background with the XYZ color 28.5262, 19.7261, 15.1360.



This preview shows how white text looks on a background with the XYZ color 28.5262, 19.7261,

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

28.5262, 19.7261, 15.1360

Protanopia

19.0773, 19.9576, 20.6160

Deuteranopia

20.1846, 19.7680, 14.3070



Tritanopia

28.2732, 19.7590, 13.3900

Trichromacy



Original Color

28.5262, 19.7261, 15.1360

Protanomaly

21.4842, 19.1631, 18.4861

Deuteranomaly

22.6622, 19.2220, 14.5724

Tritanomaly

28.4140, 19.8153, 14.1315

Monochromacy



Original Color

28.5262, 19.7261, 15.1360

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.0649, 18.7792, 18.7342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5262, 19.7261, 15.1360 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(195, 89, 103)` looks like.

```
.text, #text, p{  
    color:rgb(195, 89, 103)  
}
```

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(195, 89, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 89, 103) }
```

Border

The CSS property to change the border of an element to XYZ 28.5262, 19.7261, 15.1360 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(195, 89, 103) }
```


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

```
.border{ border-color:rgb(195, 89, 103) }
```

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

Here you see how a box with a 4 pixel rgb(195, 89, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 89, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 89, 103);  
box-shadow:4px 4px 4px 4px rgb(195, 89,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5262, 19.7261, 15.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 89, 103) }
```

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

```
.background{ background-color: rgb(195, 89,  
103) }
```

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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