

Converting Colors

XYZ(29.5765, 21.0947, 19.9500)

Have a look what the booklet for
XYZ(29.5765, 21.0947, 19.9500)
contains.

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Color

**XYZ(29.5050, 21.0351,
19.9579)**

Conversions

Conversions Part 1

Format	Color
Hex	C16077
RGB	193, 96, 119
RGB Percent	76%, 38%, 47%
CMY	0.2431, 0.6235, 0.5333
CMYK	0.00, 0.50, 0.38, 0.24
HSL	346°, 44%, 57%
HSV	346°, 50%, 76%
XYZ	29.5050, 21.0351, 19.9579
YIQ	127.6250, 50.4290, 27.7170

Conversions

Conversions Part 2

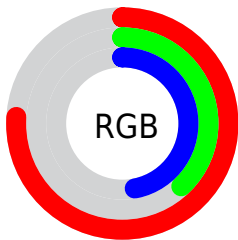
Format	Color
R_{YB}	193, 96, 119
Decimal	12673143
CIE _{Lab}	52.99, 41.19, 5.34
CIE _{LCh}	53, 41.532, 7.380
Yxy	21.0351, 0.4185, 0.2984
Android (android.graphics.Color)	4290863223 (0xFFC16077)
YUV	127.6250, -4.2521, 57.3339
Hunter-Lab	45.8640, 34.5696, 6.3046

Details

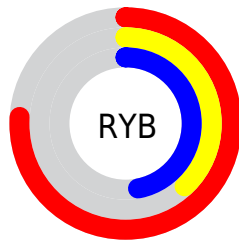
The XYZ color **29.5050, 21.0351, 19.9579** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.1506, 43.5296, 44.7929**, and the grayscale version is **20.3907, 21.4526, 23.3619**.

A 20% lighter version of the original color is **58.2430, 45.1306, 44.1694**, and **12.1914, 7.4905, 6.7645** is the 20% darker color. If you saturate the color by 10%, you get **27.1384, 17.6092, 15.1390**, and if you desaturate by 10%, it is **32.4419, 25.3823, 25.6433**.

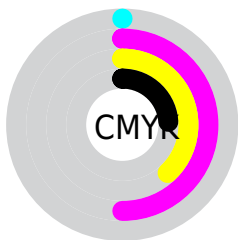
Distribution



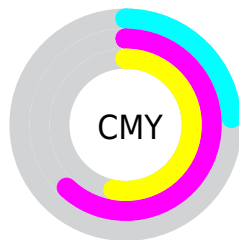
- Red (76%)
- Green (38%)
- Blue (47%)



- Red (76%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (38%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5050, 21.0351, 19.9579 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 29.5050, 21.0351, 19.9579 by changing the saturation by 10% instead.


 29.5050, 21.0351,
19.9579


 29.5050, 21.0351,
19.9579


291.5417,
257.4650, 264.2838

 19.6094, 13.1497,
12.1807


 58.2705, 45.1459,
44.2046


 12.2180, 7.5317,
6.7428


 77.8711, 62.1401,
61.5112

 6.9656, 3.7968,
3.2258


 101.4374, 82.9394,
82.8313

 3.4867, 1.5605,
1.2110

 129.3347,
107.9280, 108.5835

 1.4161, 0.3308,
0.0000

161.9284,
137.4905, 139.1863

 0.2676, 0.0000,
0.0000

199.5840,

 0.0000, 0.0000,

172.0113, 175.0583

0.0000

242.6666,
211.8746, 216.6179

■ 29.5050, 21.0351,
19.9579

■ 29.5050, 21.0351,
19.9579

■ 27.1384, 17.6092,
15.1390

■ 32.4419, 25.3823,
25.6433

■ 25.3021, 15.0346,
11.1416

■ 35.9824, 30.7080,
32.2347

■ 23.9530, 13.2361,
7.9181

■ 40.1589, 37.0681,
39.7704

■ 23.0403, 12.1240,
5.4151

■ 45.0011, 44.5138,
48.2863

■ 22.4807, 11.5328,
3.6008

■ 50.5368, 53.0927,
57.8161

■ 56.7923, 62.8494,
68.3922

■ 63.7923, 73.8263,
80.0454

■ 71.5605, 86.0636,
92.8050

■ 75.2472, 89.8554,
105.0755

Harmonies

Analogous

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



28.7660, 21.0351, 33.4259



29.5050, 21.0351, 19.9579



27.4162, 21.0351, 11.2075

Triad

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



29.5050, 21.0351, 19.9579



15.3264, 21.0351, 8.6395



16.9412, 21.0351, 52.9551

Complementary

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



29.5050, 21.0351, 19.9579



31.1506, 43.5296, 44.7929

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.



14.0479, 21.0351, 40.7751



29.5050, 21.0351, 19.9579



13.2144, 21.0351, 14.8598

Square

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



29.5050, 21.0351, 19.9579



18.9363, 21.0351, 6.3985



12.7829, 21.0351, 26.1259



21.0888, 21.0351, 55.8869

Rectangle

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



29.5050, 21.0351, 19.9579



24.8576, 21.0351, 8.0564



12.7829, 21.0351, 26.1259



15.8088, 21.0351, 49.6369

Sweetspot

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



29.5056, 21.0362, 19.9583



76.1273, 72.8368, 78.6642



30.1180, 20.6246, 52.8457



15.9424, 15.0277, 16.1895



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.



29.5056, 21.0362, 19.9583



48.3508, 31.1758, 26.5786



30.8510, 25.6763, 14.3977



10.1689, 10.1162, 10.9799



14.9787, 7.6813, 2.5342



0.6751, 0.3430, 0.2563

Inverse Universe

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



29.5056, 21.0362, 19.9583



48.3508, 31.1758, 26.5786



28.5919, 34.6209, 55.6277



10.1689, 10.1162, 10.9799



14.9787, 7.6813, 2.5342



0.6751, 0.3430, 0.2563

Previews

White Background



This preview shows how the XYZ color 29.5050, 21.0351, 19.9579 looks on a white background.

Color Contrast Check

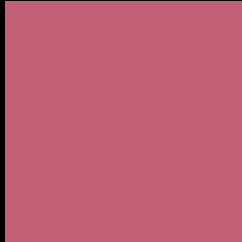
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5050, 21.0351, 19.9579 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 29.5050, 21.0351, 19.9579

Background



This preview shows how black text looks on a background with the XYZ color 29.5050, 21.0351, 19.9579.



This preview shows how white text looks on a background with the XYZ color 29.5050, 21.0351,

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

29.5050, 21.0351, 19.9579

Protanopia

20.6572, 21.2113, 26.2980

Deuteranopia

21.5556, 21.0862, 19.1536



Tritanopia

28.6557, 20.9618, 15.9003

Trichromacy



Original Color

29.5050, 21.0351, 19.9579

Protanomaly

22.9225, 20.4525, 23.8587

Deuteranomaly

23.9578, 20.7526, 19.2659

Tritanomaly

28.8274, 20.8816, 17.2630

Monochromacy



Original Color

29.5050, 21.0351, 19.9579

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.8960, 20.6469, 22.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5050, 21.0351, 19.9579 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, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(193, 96, 119)  
}
```

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, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 96, 119) }
```

Border

The CSS property to change the border of an element to XYZ 29.5050, 21.0351, 19.9579 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, 96, 119) }
```


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

```
.border{ border-color:rgb(193, 96, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 96, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 96, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 96, 119);  
box-shadow:4px 4px 4px 4px rgb(193, 96,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5050, 21.0351, 19.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 96, 119) }
```

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

```
.background{ background-color: rgb(193, 96,  
119) }
```

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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