

Converting Colors

XYZ(29.5752, 21.7560, 15.2304)

Have a look what the booklet for
XYZ(29.5752, 21.7560, 15.2304)
contains.

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Color

**XYZ(29.4611, 21.6758,
15.2014)**

Conversions

Conversions Part 1

Format	Color
Hex	C36466
RGB	195, 100, 102
RGB Percent	76%, 39%, 40%
CMY	0.2353, 0.6078, 0.6000
CMYK	0.00, 0.49, 0.48, 0.24
HSL	359°, 44%, 58%
HSV	359°, 49%, 76%
XYZ	29.4611, 21.6758, 15.2014
YIQ	128.6330, 55.9780, 20.7620

Conversions

Conversions Part 2

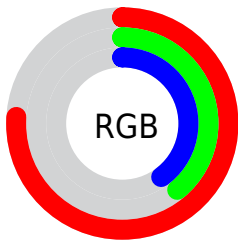
Format	Color
R _Y B	195, 100, 102
Decimal	12805222
CIE Lab	53.68, 38.03, 16.39
CIE LCh	54, 41.411, 23.310
Yxy	21.6758, 0.4441, 0.3267
Android (android.graphics.Color)	4290995302 (0xFFC36466)
YUV	128.6330, -13.1301, 58.2039
Hunter-Lab	46.5573, 31.4782, 13.2313

Details

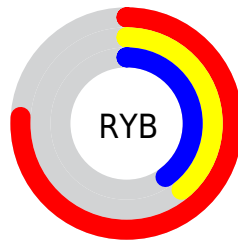
The XYZ color **29.4611, 21.6758, 15.2014** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.3975, 45.5902, 57.4420**, and the grayscale version is **20.7693, 21.8510, 23.7957**.

A 20% lighter version of the original color is **58.3810, 46.3424, 36.0049**, and **12.1044, 7.7908, 4.4802** is the 20% darker color. If you saturate the color by 10%, you get **26.9693, 18.0369, 10.2255**, and if you desaturate by 10%, it is **32.6196, 26.2992, 21.4755**.

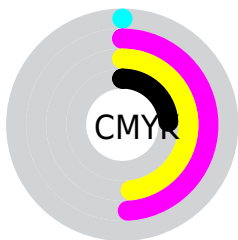
Distribution



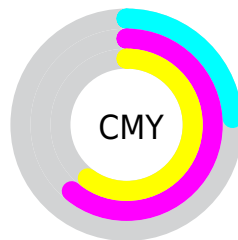
- Red (76%)
- Green (39%)
- Blue (40%)



- Red (76%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (24%)





- Cyan (24%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4611, 21.6758, 15.2014 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 29.4611, 21.6758, 15.2014 by changing the saturation by 10% instead.


 29.4611, 21.6758,
15.2014


 29.4611, 21.6758,
15.2014

291.3395,
260.8485, 236.2646


 19.5759, 13.6189,
8.8127


 58.2014, 46.2096,
35.9534

 12.1936, 7.8561,
4.5241


 77.7872, 63.4552,
51.1537

 6.9488, 4.0030,
1.9170


 101.3373, 84.5326,
70.1284

 3.4762, 1.6752,
0.5035

 129.2171,
109.8260, 93.2958

 1.4103, 0.4075,
0.0000

161.7918,
139.7199, 121.0746

 0.2635, 0.0000,
0.0000

199.4269,

 0.0000, 0.0000,

174.5987, 153.8833

0.0000

242.4877,
214.8468, 192.1405

■ 29.4611, 21.6758,
15.2014

■ 29.4611, 21.6758,
15.2014

■ 26.9693, 18.0369,
10.2255

■ 32.6196, 26.2992,
21.4755

■ 25.0949, 15.3083,
6.4557

■ 36.4861, 31.9679,
29.1287

■ 23.7846, 13.4106,
3.7903


■ 41.1006, 38.7415,
38.2365


■ 22.9750, 12.2491,
2.1096


■ 46.4996, 46.6742,
48.8690


■ 22.5686, 11.6708,
1.2512


■ 52.7170, 55.8168,
61.0914

 22.5280, 11.6110,
1.1714

 59.7851, 66.2169,
74.9653

 67.7342, 77.9197,
90.5489

 76.2714, 90.3244,
107.7904

 76.3156, 90.3420,
108.0232

Harmonies

Analogous

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



30.2777, 21.6758, 26.5603



29.4611, 21.6758, 15.2014



26.1248, 21.6758, 8.9420

Triad

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



29.4611, 21.6758, 15.2014



14.4965, 21.6758, 11.8162



19.6252, 21.6758, 57.0854

Complementary

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



29.4611, 21.6758, 15.2014



34.3975, 45.5902, 57.4420

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.



15.9185, 21.6758, 49.0788



29.4611, 21.6758, 15.2014



13.2447, 21.6758, 20.8705

Square

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



29.4611, 21.6758, 15.2014



17.4108, 21.6758, 7.5343



13.7252, 21.6758, 34.6355



24.1615, 21.6758, 53.8584

Rectangle

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



29.4611, 21.6758, 15.2014



23.1478, 21.6758, 7.0930



13.7252, 21.6758, 34.6355



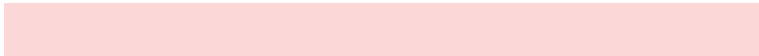
18.2504, 21.6758, 55.5463

Sweetspot

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



29.4616, 21.6769, 15.2018



76.8166, 74.0938, 74.7975



36.1041, 24.2404, 54.4055



16.3844, 15.5828, 15.5174



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.



29.4616, 21.6769, 15.2018



48.2309, 32.2000, 18.1702



34.8304, 32.5709, 16.5092



10.0816, 10.0812, 10.5202



14.6460, 7.5481, 0.7819



0.6358, 0.3273, 0.0497

Inverse Universe

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



29.4616, 21.6769, 15.2018



48.2309, 32.2000, 18.1702



26.1200, 28.6767, 55.7880



10.0816, 10.0812, 10.5202



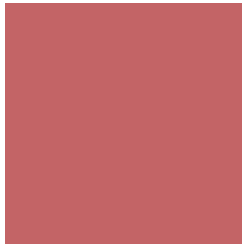
14.6460, 7.5481, 0.7819



0.6358, 0.3273, 0.0497

Previews

White Background



This preview shows how the XYZ color 29.4611, 21.6758, 15.2014 looks on a white background.

Color Contrast Check

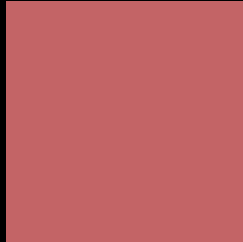
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4611, 21.6758, 15.2014 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 29.4611, 21.6758, 15.2014

Background



This preview shows how black text looks on a background with the XYZ color 29.4611, 21.6758, 15.2014.



This preview shows how white text looks on a background with the XYZ color 29.4611, 21.6758,

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

29.4611, 21.6758, 15.2014

Protanopia

20.7031, 21.7676, 19.6334

Deuteranopia

22.1748, 21.8765, 14.6091



Tritanopia

29.5690, 21.5664, 16.2399

Trichromacy



Original Color

29.4611, 21.6758, 15.2014

Protanomaly

23.0580, 21.1725, 17.9103

Deuteranomaly

24.3192, 21.3778, 14.6489

Tritanomaly

29.5173, 21.5457, 15.9676

Monochromacy



Original Color

29.4611, 21.6758, 15.2014

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.9451, 21.0611, 20.3086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4611, 21.6758, 15.2014 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, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(195, 100, 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(195, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 100, 102) }
```

Border

The CSS property to change the border of an element to XYZ 29.4611, 21.6758, 15.2014 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, 100, 102) }
```


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

```
.border{ border-color:rgb(195, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(195, 100,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4611, 21.6758, 15.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 100, 102) }
```

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

```
.background{ background-color: rgb(195,  
100, 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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