

Converting Colors

XYZ(29.5775, 21.5994, 15.6955)

Have a look what the booklet for
XYZ(29.5775, 21.5994, 15.6955)
contains.

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Color

**XYZ(29.4662, 21.5253,
15.6985)**

Conversions

Conversions Part 1

Format	Color
Hex	C36368
RGB	195, 99, 104
RGB Percent	76%, 39%, 41%
CMY	0.2353, 0.6117, 0.5922
CMYK	0.00, 0.49, 0.47, 0.24
HSL	357°, 44%, 58%
HSV	357°, 49%, 76%
XYZ	29.4662, 21.5253, 15.6985
YIQ	128.2740, 55.6110, 21.9070

Conversions

Conversions Part 2

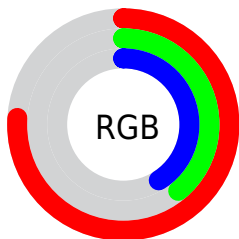
Format	Color
RYB	195, 99, 104
Decimal	12804968
CIELab	53.52, 38.75, 14.99
CIElCh	54, 41.545, 21.148
Yxy	21.5253, 0.4418, 0.3228
Android (android.graphics.Color)	4290995048 (0xFFC36368)
YUV	128.2740, -11.9671, 58.5187
Hunter-Lab	46.3954, 32.1754, 12.4152

Details

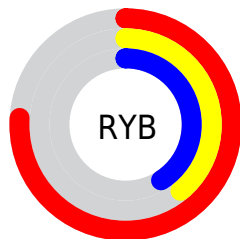
The XYZ color **29.4662, 21.5253, 15.6985** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.9561, 45.4010, 55.6916**, and the grayscale version is **20.6404, 21.7153, 23.6480**.

A 20% lighter version of the original color is **58.3846, 46.0830, 36.8281**, and **12.1120, 7.7277, 4.7241** is the 20% darker color. If you saturate the color by 10%, you get **26.9985, 17.9314, 10.7402**, and if you desaturate by 10%, it is **32.5869, 26.0957, 21.8902**.

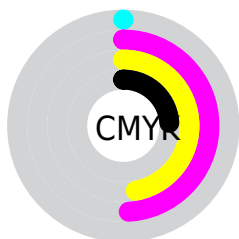
Distribution



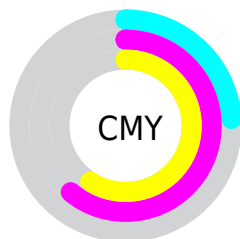
- Red (76%)
- Green (39%)
- Blue (41%)



- Red (76%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (47%)
- Black (24%)





- Cyan (24%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4662, 21.5253, 15.6985 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 29.4662, 21.5253, 15.6985 by changing the saturation by 10% instead.


 29.4662, 21.5253,
15.6985


 29.4662, 21.5253,
15.6985

291.3630,
260.0571, 239.3407


 19.5798, 13.5085,
9.1590

 58.2094, 45.9602,
36.8335


 12.1965, 7.7796,
4.7468


 77.7970, 63.1470,
52.2660

 6.9508, 3.9543,
2.0434


 101.3490, 84.1594,
71.5000

 3.4774, 1.6480,
0.5818

 129.2308,
109.3816, 94.9540

 1.4110, 0.3896,
0.0000

161.8077,
139.1981, 123.0466

 0.2640, 0.0000,
0.0000

199.4452,

 0.0000, 0.0000,

173.9932, 156.1961

0.0000

242.5085,
214.1515, 194.8213

■ 29.4662, 21.5253,
15.6985

■ 29.4662, 21.5253,
15.6985

■ 26.9985, 17.9314,
10.7402

■ 32.5869, 26.0957,
21.8902

■ 25.1358, 15.2400,
6.9318

■ 36.4006, 31.7030,
29.3890

■ 23.8264, 13.3719,
4.1809


■ 40.9461, 38.4067,
38.2643


■ 23.0090, 12.2327,
2.3807


■ 46.2590, 46.2608,
48.5802

■ 22.5857, 11.6603,
1.3946


■ 52.3724, 55.3156,
60.3968

 22.5612, 11.6243,
1.3460

 59.3176, 65.6187,
73.7707

 67.1240, 77.2149,
88.7557

 75.8178, 90.1430,
105.4022

 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.



30.0720, 21.5253, 27.3912



29.4662, 21.5253, 15.6985



26.2751, 21.5253, 9.1201

Triad

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



29.4662, 21.5253, 15.6985



14.5219, 21.5253, 11.2324



19.1774, 21.5253, 56.7070

Complementary

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



29.4662, 21.5253, 15.6985



33.9561, 45.4010, 55.6916

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.



15.5718, 21.5253, 48.0010



29.4662, 21.5253, 15.6985



13.1501, 21.5253, 19.8836

Square

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



29.4662, 21.5253, 15.6985



17.5400, 21.5253, 7.2637



13.5046, 21.5253, 33.3753



23.6854, 21.5253, 54.3067

Rectangle

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



29.4662, 21.5253, 15.6985



23.3339, 21.5253, 7.1118



13.5046, 21.5253, 33.3753



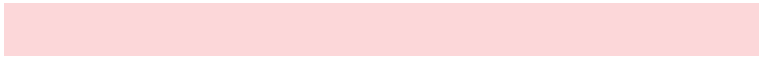
17.8308, 21.5253, 54.8937

Sweetspot

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



29.4667, 21.5264, 15.6989



76.9686, 74.1546, 75.5977



35.1999, 23.6327, 54.3359



16.4211, 15.5975, 15.7111



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.



29.4667, 21.5264, 15.6989



48.0919, 31.7340, 18.7030



34.2245, 31.4360, 16.0699



10.0940, 10.0862, 10.5854



14.6733, 7.5591, 0.9257



0.6415, 0.3296, 0.0793

Inverse Universe

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



29.4667, 21.5264, 15.6989



48.0919, 31.7340, 18.7030



26.4538, 29.5076, 55.9308



10.0940, 10.0862, 10.5854



14.6733, 7.5591, 0.9257



0.6415, 0.3296, 0.0793

Previews

White Background



This preview shows how the XYZ color 29.4662, 21.5253, 15.6985 looks on a white background.

Color Contrast Check

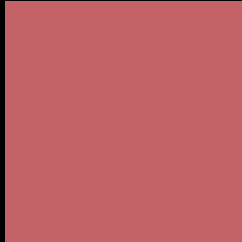
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4662, 21.5253, 15.6985 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 29.4662, 21.5253, 15.6985

Background



This preview shows how black text looks on a background with the XYZ color 29.4662, 21.5253, 15.6985.



This preview shows how white text looks on a background with the XYZ color 29.4662, 21.5253,

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

29.4662, 21.5253, 15.6985

Protanopia

20.6621, 21.7329, 20.2454

Deuteranopia

21.9609, 21.5700, 15.0626



Tritanopia

29.5690, 21.5664, 16.2399

Trichromacy



Original Color

29.4662, 21.5253, 15.6985

Protanomaly

23.0522, 20.9828, 18.4579

Deuteranomaly

24.0922, 21.0812, 15.1112

Tritanomaly

29.5173, 21.5457, 15.9676

Monochromacy



Original Color

29.4662, 21.5253, 15.6985

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.6400, 20.7299, 20.2608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4662, 21.5253, 15.6985 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, 99, 104)` looks like.

```
.text, #text, p{  
    color:rgb(195, 99, 104)  
}
```

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, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 99, 104) }
```

Border

The CSS property to change the border of an element to XYZ 29.4662, 21.5253, 15.6985 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, 99, 104) }
```


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

```
.border{ border-color:rgb(195, 99, 104) }
```

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

Here you see how a box with a 4 pixel rgb(195, 99, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(195, 99,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4662, 21.5253, 15.6985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 99, 104) }
```

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

```
.background{ background-color: rgb(195, 99,  
104) }
```

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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