

Converting Colors

XYZ(29.3112, 21.6532, 18.0265)

Have a look what the booklet for
XYZ(29.3112, 21.6532, 18.0265)
contains.

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Color

**XYZ(29.3165, 21.6837,
17.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	C06570
RGB	192, 101, 112
RGB Percent	75%, 40%, 44%
CMY	0.2471, 0.6039, 0.5608
CMYK	0.00, 0.47, 0.42, 0.25
HSL	353°, 42%, 57%
HSV	353°, 47%, 75%
XYZ	29.3165, 21.6837, 17.9695
YIQ	129.4630, 50.7050, 22.7130

Conversions

Conversions Part 2

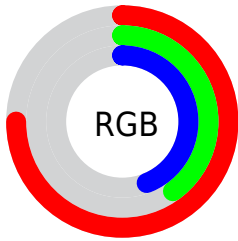
Format	Color
R_{YB}	192, 101, 112
Decimal	12608880
CIE _{Lab}	53.69, 37.44, 10.45
CIE _{LCh}	54, 38.871, 15.596
Yxy	21.6837, 0.4251, 0.3144
Android (android.graphics.Color)	4290798960 (0xFFC06570)
YUV	129.4630, -8.6093, 54.8449
Hunter-Lab	46.5658, 30.8885, 9.7163

Details

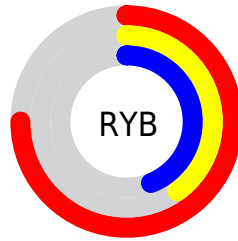
The XYZ color **29.3165, 21.6837, 17.9695** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.5580, 43.8025, 50.4573**, and the grayscale version is **21.0462, 22.1423, 24.1129**.

A 20% lighter version of the original color is **58.0401, 46.3008, 40.9999**, and **12.0577, 7.8023, 5.7210** is the 20% darker color. If you saturate the color by 10%, you get **26.8119, 18.0402, 12.9243**, and if you desaturate by 10%, it is **32.4339, 26.2708, 24.0887**.

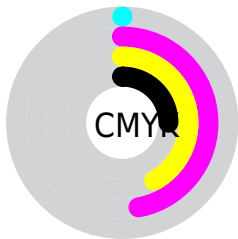
Distribution



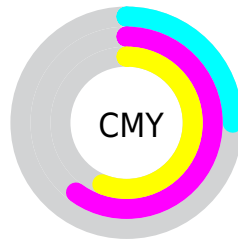
- Red (75%)
- Green (40%)
- Blue (44%)



- Red (75%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (42%)
- Black (25%)





- Cyan (25%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3165, 21.6837, 17.9695 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 29.3165, 21.6837, 17.9695 by changing the saturation by 10% instead.


 29.3165, 21.6837,
17.9695


 29.3165, 21.6837,
17.9695


290.6727,
260.8900, 252.9294

 19.4659, 13.6247,
10.7589

 57.9736, 46.2227,
40.7986

 12.1134, 7.8601,
5.7928


 77.5109, 63.4714,
57.2541

 6.8937, 4.0056,
2.6528


 101.0077, 84.5521,
77.6284

 3.4414, 1.6767,
0.9195

 128.8294,
109.8493, 102.3399

 1.3913, 0.4085,
0.0000

161.3414,
139.7473, 131.8072

 0.2500, 0.0000,
0.0000

198.9091,

 0.0000, 0.0000,

174.6304, 166.4489

0.0000

241.8977,
214.8832, 206.6834

■ 29.3165, 21.6837,
17.9695

■ 29.3165, 21.6837,
17.9695

■ 26.8119, 18.0402,
12.9243

■ 32.4339, 26.2708,
24.0887

■ 24.8777, 15.2715,
8.8896

■ 36.1993, 31.8573,
31.3379

■ 23.4689, 13.3047,
5.7971


■ 40.6473, 38.4988,
39.7705


■ 22.5327, 12.0537,
3.5695


■ 45.8094, 46.2458,
49.4365


■ 21.9973, 11.3970,
2.1142


■ 51.7152, 55.1453,
60.3825

 21.8948, 11.2691,
1.8423

 58.3927, 65.2420,
72.6532

 65.8683, 76.5779,
86.2908

 74.1672, 89.1930,
101.3357

 75.5481, 89.9464,
107.9873

Harmonies

Analogous

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



29.3711, 21.6837, 29.7808



29.3165, 21.6837, 17.9695



26.7303, 21.6837, 10.7315

Triad

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



29.3165, 21.6837, 17.9695



15.4058, 21.6837, 10.9321



18.6828, 21.6837, 53.4844

Complementary

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



29.3165, 21.6837, 17.9695



32.5580, 43.8025, 50.4573

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.



15.5030, 21.6837, 44.0555



29.3165, 21.6837, 17.9695



13.7909, 21.6837, 18.3563

Square

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



29.3165, 21.6837, 17.9695



18.5325, 21.6837, 7.7022



13.8240, 21.6837, 30.3219



22.8365, 21.6837, 53.2718

Rectangle

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



29.3165, 21.6837, 17.9695



24.0953, 21.6837, 8.2868



13.8240, 21.6837, 30.3219



17.4776, 21.6837, 51.2281

Sweetspot

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



29.3171, 21.6848, 17.9699



76.4719, 73.9845, 77.3654



32.9601, 22.8016, 52.5329



15.9870, 15.2446, 15.8107



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.



29.3171, 21.6848, 17.9699



48.3745, 32.3887, 22.9933



32.6638, 29.2989, 16.2471



10.1216, 10.0973, 10.7309



14.7486, 7.5892, 1.3222



0.6540, 0.3346, 0.1451

Inverse Universe

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



29.3171, 21.6848, 17.9699



48.3745, 32.3887, 22.9933



27.2174, 31.2438, 54.4651



10.1216, 10.0973, 10.7309



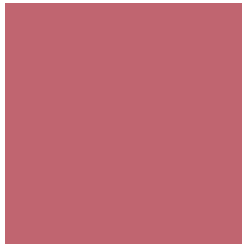
14.7486, 7.5892, 1.3222



0.6540, 0.3346, 0.1451

Previews

White Background



This preview shows how the XYZ color 29.3165, 21.6837, 17.9695 looks on a white background.

Color Contrast Check

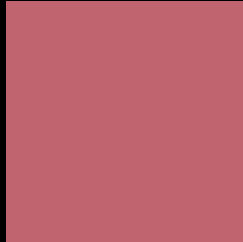
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3165, 21.6837, 17.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

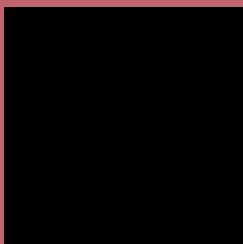
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3165, 21.6837, 17.9695

Background



This preview shows how black text looks on a background with the XYZ color 29.3165, 21.6837, 17.9695.



This preview shows how white text looks on a background with the XYZ color 29.3165, 21.6837,

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

29.3165, 21.6837, 17.9695

Protanopia

21.0008, 21.8502, 22.8493

Deuteranopia

22.1272, 21.7939, 17.2278



Tritanopia

29.2499, 21.8133, 17.1368

Trichromacy



Original Color

29.3165, 21.6837, 17.9695

Protanomaly

23.2560, 21.2074, 20.9569

Deuteranomaly

24.3156, 21.4874, 17.3339

Tritanomaly

29.3041, 21.8350, 17.4219

Monochromacy



Original Color

29.3165, 21.6837, 17.9695

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.1209, 21.2991, 21.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3165, 21.6837, 17.9695 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(192, 101, 112)` looks like.

```
.text, #text, p{  
    color:rgb(192, 101, 112)  
}
```

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(192, 101, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 101, 112) }
```

Border

The CSS property to change the border of an element to XYZ 29.3165, 21.6837, 17.9695 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(192, 101, 112) }
```


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

```
.border{ border-color:rgb(192, 101, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 101, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 101, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 101, 112);  
box-shadow:4px 4px 4px 4px rgb(192, 101,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3165, 21.6837, 17.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 101, 112) }
```

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

```
.background{ background-color: rgb(192,  
101, 112) }
```

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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