

Converting Colors

XYZ(30.0169, 21.6205, 17.6451)

Have a look what the booklet for
XYZ(30.0169, 21.6205, 17.6451)
contains.

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Color

**XYZ(30.0019, 21.6188,
17.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	C4626F
RGB	196, 98, 111
RGB Percent	77%, 38%, 44%
CMY	0.2314, 0.6157, 0.5647
CMYK	0.00, 0.50, 0.43, 0.23
HSL	352°, 45%, 58%
HSV	352°, 50%, 77%
XYZ	30.0019, 21.6188, 17.6305
YIQ	128.7840, 54.2350, 24.8190

Conversions

Conversions Part 2

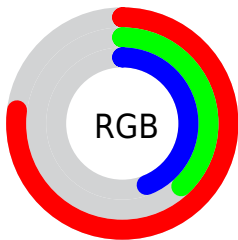
Format	Color
R _Y B	196, 98, 111
Decimal	12870255
CIE Lab	53.62, 40.35, 11.03
CIE LCh	54, 41.832, 15.281
Yxy	21.6188, 0.4332, 0.3122
Android (android.graphics.Color)	4291060335 (0xFFC4626F)
YUV	128.7840, -8.7675, 58.9484
Hunter-Lab	46.4960, 33.8104, 10.0655

Details

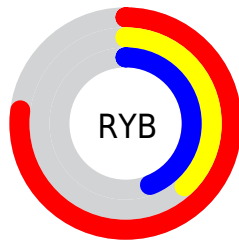
The XYZ color **30.0019, 21.6188, 17.6305** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.3253, 45.4960, 51.8277**, and the grayscale version is **20.8077, 21.8913, 23.8396**.

A 20% lighter version of the original color is **58.9175, 46.0376, 40.4312**, and **12.5894, 7.8922, 5.7103** is the 20% darker color. If you saturate the color by 10%, you get **27.5386, 18.0505, 12.6223**, and if you desaturate by 10%, it is **33.0934, 26.1585, 23.7275**.

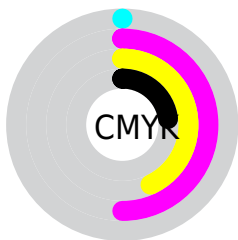
Distribution



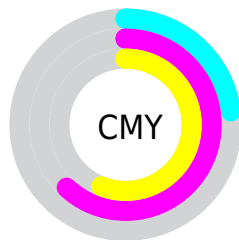
- Red (77%)
- Green (38%)
- Blue (44%)



- Red (77%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (23%)




- Cyan (23%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0019, 21.6188, 17.6305 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 30.0019, 21.6188, 17.6305 by changing the saturation by 10% instead.


 30.0019, 21.6188,
17.6305


 30.0019, 21.6188,
17.6305


293.8230,
260.5490, 250.9458


 19.9881, 13.5771,
10.5183


 59.0518, 46.1151,
40.2121


 12.4946, 7.8271,
5.6339


 78.8186, 63.3385,
56.5186

 7.1561, 3.9845,
2.5586


 102.5671, 84.3913,
76.7270

 3.6071, 1.6649,
0.8710

 130.6627,
109.6578, 101.2558

 1.4823, 0.4008,
0.0000

163.4708,
139.5224, 130.5235

 0.3138, 0.0000,
0.0000

201.3566,

 0.0000, 0.0000,

174.3696, 164.9487

0.0000

244.6855,
214.5836, 204.9500

■ 30.0019, 21.6188,
17.6305

■ 30.0019, 21.6188,
17.6305

■ 27.5386, 18.0505,
12.6223

■ 33.0934, 26.1585,
23.7275

■ 25.6585, 15.3796,
8.6372

■ 36.8509, 31.7300,
30.9713

■ 24.3128, 13.5266,
5.6042


■ 41.3110, 38.3928,
39.4172


■ 23.4442, 12.3967,
3.4424


■ 46.5071, 46.2006,
49.1164


■ 22.9514, 11.8105,
2.0470

■ 52.4706, 55.2040,
60.1175

 22.9513, 11.8103,
2.0467

 59.2309, 65.4501,
72.4660

 66.8161, 76.9839,
86.2056

 75.2527, 89.8478,
101.3779

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



30.0300, 21.6188, 30.3619



30.0019, 21.6188, 17.6305



27.2068, 21.6188, 10.0250

Triad

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



30.0019, 21.6188, 17.6305



15.0269, 21.6188, 10.1221



18.4412, 21.6188, 56.2658

Complementary

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



30.0019, 21.6188, 17.6305



33.3253, 45.4960, 51.8277

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.



15.0754, 21.6188, 45.7142



30.0019, 21.6188, 17.6305



13.3071, 21.6188, 17.8238

Square

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



30.0019, 21.6188, 17.6305



18.3654, 21.6188, 6.8858



13.3235, 21.6188, 30.6394



22.8970, 21.6188, 56.1540

Rectangle

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



30.0019, 21.6188, 17.6305



24.3548, 21.6188, 7.5142



13.3235, 21.6188, 30.6394



17.1601, 21.6188, 53.7178

Sweetspot

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



30.0025, 21.6199, 17.6309



79.1495, 76.0213, 79.4844



33.8448, 22.7812, 54.8380



16.5181, 15.6363, 16.2217



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.



30.0025, 21.6199, 17.6309



49.5222, 32.1751, 22.1068



33.4862, 29.6505, 15.5149



10.1264, 10.0992, 10.7560



14.7657, 7.5960, 1.4123



0.6561, 0.3354, 0.1564

Inverse Universe

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



30.0025, 21.6199, 17.6309



49.5222, 32.1751, 22.1068



27.5842, 31.7480, 56.8987



10.1264, 10.0992, 10.7560



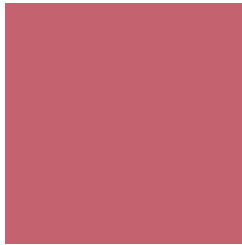
14.7657, 7.5960, 1.4123



0.6561, 0.3354, 0.1564

Previews

White Background



This preview shows how the XYZ color 30.0019, 21.6188, 17.6305 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 30.0019, 21.6188, 17.6305 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 30.0019, 21.6188, 17.6305

Background



This preview shows how black text looks on a background with the XYZ color 30.0019, 21.6188, 17.6305.



This preview shows how white text looks on a background with the XYZ color 30.0019, 21.6188,

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

30.0019, 21.6188, 17.6305

Protanopia

20.9100, 21.7959, 23.1836

Deuteranopia

22.2559, 21.8664, 16.9575



Tritanopia

29.8283, 21.7001, 16.2521

Trichromacy



Original Color

30.0019, 21.6188, 17.6305

Protanomaly

23.3300, 21.0716, 20.9268

Deuteranomaly

24.5634, 21.4512, 17.0332

Tritanomaly

29.9336, 21.7422, 16.8063

Monochromacy



Original Color

30.0019, 21.6188, 17.6305

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.1282, 21.1343, 21.2727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0019, 21.6188, 17.6305 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(196, 98, 111)` looks like.

```
.text, #text, p{  
    color:rgb(196, 98, 111)  
}
```

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(196, 98, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 98, 111) }
```

Border

The CSS property to change the border of an element to XYZ 30.0019, 21.6188, 17.6305 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(196, 98, 111) }
```


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

```
.border{ border-color:rgb(196, 98, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 98, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 98, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 98, 111);  
box-shadow:4px 4px 4px 4px rgb(196, 98,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0019, 21.6188, 17.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 98, 111) }
```

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

```
.background{ background-color: rgb(196, 98,  
111) }
```

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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