

Converting Colors

XYZ(31.0118, 21.7382, 20.1214)

Have a look what the booklet for
XYZ(31.0118, 21.7382, 20.1214)
contains.

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Color

**XYZ(30.9752, 21.6584,
20.0007)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C75F77 |
| RGB | 199, 95, 119 |
| RGB Percent | 78%, 37%, 47% |
| CMY | 0.2196, 0.6274, 0.5333 |
| CMYK | 0.00, 0.52, 0.40, 0.22 |
| HSL | 346°, 48%, 58% |
| HSV | 346°, 52%, 78% |
| XYZ | 30.9752, 21.6584, 20.0007 |
| YIQ | 128.8320, 54.2800, 29.5120 |

Conversions

Conversions Part 2

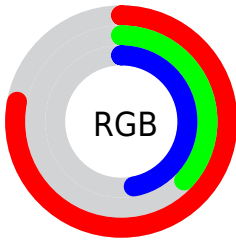
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 199, 95, 119 |
| Decimal | 13066103 |
| CIE _{Lab} | 53.66, 43.81, 6.42 |
| CIE _{LCh} | 54, 44.279, 8.333 |
| Yxy | 21.6584, 0.4265, 0.2982 |
| Android (android.graphics.Color) | 4291256183 (0xFFC75F77) |
| YUV | 128.8320, -4.8472, 61.5373 |
| Hunter-Lab | 46.5386, 37.3637, 7.0962 |

Details

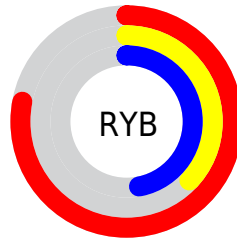
The XYZ color **30.9752, 21.6584, 20.0007** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **32.8817, 46.3755, 47.7784**, and the grayscale version is **20.8112, 21.8950, 23.8437**.

A 20% lighter version of the original color is **59.1806, 45.3801, 44.1682**, and **12.9857, 7.8454, 6.7911** is the 20% darker color. If you saturate the color by 10%, you get **28.5596, 18.1819, 15.0191**, and if you desaturate by 10%, it is **33.9979, 26.1120, 25.9157**.

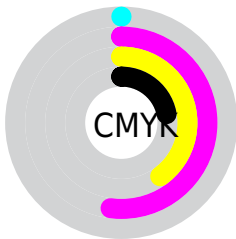
Distribution



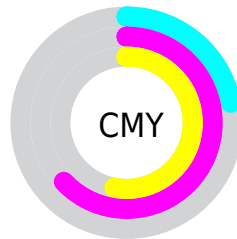
- Red (78%)
- Green (37%)
- Blue (47%)



- Red (78%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9752, 21.6584, 20.0007 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 30.9752, 21.6584, 20.0007 by changing the saturation by 10% instead.


 30.9752, 21.6584,
20.0007

 30.9752, 21.6584,
20.0007


298.2530,
260.7571, 264.5233


 20.7317, 13.6061,
12.2115


 60.5771, 46.1808,
44.2773


 13.0394, 7.8472,
6.7636


 80.6663, 63.4196,
61.6018

 7.5328, 3.9973,
3.2385


 104.7680, 84.4894,
82.9418

 3.8468, 1.6721,
1.2177

 133.2477,
109.7747, 108.7159

 1.6158, 0.4055,
0.0000

166.4707,
139.6596, 139.3425

 0.4027, 0.0000,
0.0000

204.8023,

 0.0000, 0.0000,

174.5288, 175.2402

0.0000

248.6080,
214.7665, 216.8277

■ 30.9752, 21.6584,
20.0007

■ 30.9752, 21.6584,
20.0007

■ 28.5596, 18.1819,
15.0191

■ 33.9979, 26.1120,
25.9157

■ 26.7066, 15.6051,
10.9206

■ 37.6644, 31.6056,
32.8083

■ 25.3684, 13.8443,
7.6516

■ 42.0105, 38.2009,
40.7213

■ 24.4876, 12.7985,
5.1517

■ 47.0687, 45.9537,
49.6945

■ 24.0447, 12.3387,
3.6904

■ 52.8696, 54.9160,
59.7655

■ 59.4419, 65.1367,
70.9700

■ 66.8126, 76.6618,
83.3422

■ 75.0076, 89.5354,
96.9149

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



30.2621, 21.6584, 34.5821



30.9752, 21.6584, 20.0007



28.5875, 21.6584, 10.8226

Triad

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



30.9752, 21.6584, 20.0007



15.4381, 21.6584, 8.4695



17.4030, 21.6584, 57.0744

Complementary

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



30.9752, 21.6584, 20.0007



32.8817, 46.3755, 47.7784

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.



14.2365, 21.6584, 43.7399



30.9752, 21.6584, 20.0007



13.2290, 21.6584, 15.2039

Square

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



30.9752, 21.6584, 20.0007



19.2938, 21.6584, 6.0448



12.8256, 21.6584, 27.5679



21.9339, 21.6584, 59.9467

Rectangle

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



30.9752, 21.6584, 20.0007



25.7463, 21.6584, 7.6206



12.8256, 21.6584, 27.5679



16.1652, 21.6584, 53.4747

Sweetspot

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



30.9758, 21.6595, 20.0011



78.7394, 74.8153, 80.5376



32.0213, 21.3923, 56.4744



16.4577, 15.4070, 16.5362



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.



30.9758, 21.6595, 20.0011



49.3990, 30.9778, 24.9970



32.6695, 27.0694, 14.3309



10.7325, 10.6764, 11.5744



15.4896, 7.9454, 2.5220



0.7623, 0.3877, 0.2712

Inverse Universe

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



30.9758, 21.6595, 20.0011



49.3990, 30.9778, 24.9970



29.6424, 35.7840, 59.3776



10.7325, 10.6764, 11.5744



15.4896, 7.9454, 2.5220



0.7623, 0.3877, 0.2712

Previews

White Background



This preview shows how the XYZ color 30.9752, 21.6584, 20.0007 looks on a white background.

Color Contrast Check

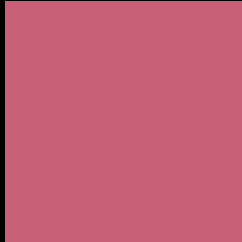
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9752, 21.6584, 20.0007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

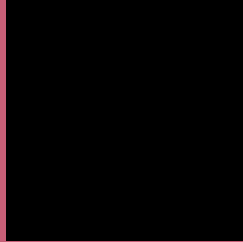
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9752, 21.6584, 20.0007

Background



This preview shows how black text looks on a background with the XYZ color 30.9752, 21.6584, 20.0007.



This preview shows how white text looks on a background with the XYZ color 30.9752, 21.6584,

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

30.9752, 21.6584, 20.0007

Protanopia

21.2087, 21.8625, 27.1468

Deuteranopia

22.0990, 21.7412, 18.9513



Tritanopia

30.1551, 21.7406, 15.7037

Trichromacy



Original Color

30.9752, 21.6584, 20.0007

Protanomaly

23.6686, 20.9995, 24.2786

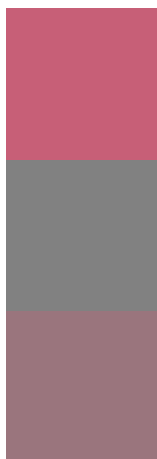
Deuteranomaly

24.5746, 21.0705, 19.2948

Tritanomaly

30.3237, 21.6593, 17.0504

Monochromacy



Original Color

30.9752, 21.6584, 20.0007

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.3894, 21.0733, 22.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9752, 21.6584, 20.0007 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(199, 95, 119)` looks like.

```
.text, #text, p{  
  color:rgb(199, 95, 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(199, 95, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 95, 119) }
```

Border

The CSS property to change the border of an element to XYZ 30.9752, 21.6584, 20.0007 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(199, 95, 119) }
```


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

```
.border{ border-color:rgb(199, 95, 119) }
```

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

Here you see how a box with a 4 pixel rgb(199, 95, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 95, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 95, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 95,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9752, 21.6584, 20.0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 95, 119) }
```

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

```
.background{ background-color: rgb(199, 95,  
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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