

Converting Colors

XYZ(34.2834, 29.6106, 21.6303)

Have a look what the booklet for
XYZ(34.2834, 29.6106, 21.6303)
contains.

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Color

**XYZ(34.1471, 29.4607,
21.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	C38478
RGB	195, 132, 120
RGB Percent	76%, 52%, 47%
CMY	0.2353, 0.4823, 0.5294
CMYK	0.00, 0.32, 0.38, 0.24
HSL	10°, 38%, 62%
HSV	10°, 38%, 76%
XYZ	34.1471, 29.4607, 21.6560
YIQ	149.4690, 41.4000, 9.6240

Conversions

Conversions Part 2

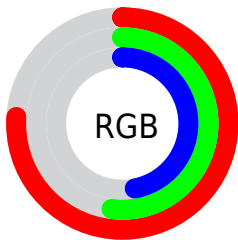
Format	Color
R_{YB}	195, 134, 120
Decimal	12813432
CIE _{Lab}	61.19, 22.75, 16.34
CIE _{LCh}	61, 28.006, 35.681
Yxy	29.4607, 0.4005, 0.3455
Android (android.graphics.Color)	4291003512 (0xFFC38478)
YUV	149.4690, -14.5282, 39.9307
Hunter-Lab	54.2777, 17.3116, 14.3386

Details

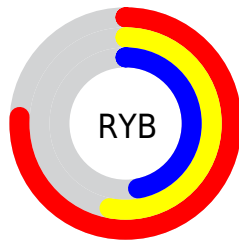
The XYZ color **34.1471, 29.4607, 21.6560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5288, 41.7985, 57.8778**, and the grayscale version is **28.8126, 30.3130, 33.0109**.

A 20% lighter version of the original color is **65.3034, 58.5591, 46.8909**, and **14.8345, 11.9914, 7.6636** is the 20% darker color. If you saturate the color by 10%, you get **31.0327, 24.9367, 15.3618**, and if you desaturate by 10%, it is **37.8528, 34.7814, 29.3369**.

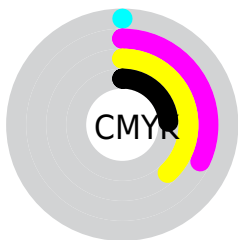
Distribution



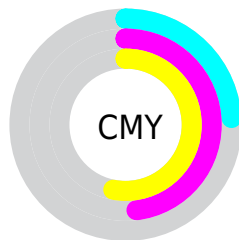
- Red (76%)
- Green (52%)
- Blue (47%)



- Red (76%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1471, 29.4607, 21.6560 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 34.1471, 29.4607, 21.6560 by changing the saturation by 10% instead.


 34.1471, 29.4607,
21.6560


 34.1471, 29.4607,
21.6560


312.3619,
299.3825, 273.6392


 23.1701, 19.4296,
13.4085


 65.5051, 58.8083,
47.0717

 14.8405, 11.9811,
7.5764


 86.6168, 78.8935,
65.0768

 8.7931, 6.7308,
3.7412


 111.8374,
103.0989, 87.1717

 4.6625, 3.2943,
1.4845

141.5323,
131.8089, 113.7747

 2.0833, 1.2873,
0.2063

176.0669,
165.4079, 145.3044

 0.6801, 0.1313,
0.0000

215.8064,

 0.0000, 0.0000,

204.2802, 182.1793

0.0000

261.1163,
248.8103, 224.8181

■ 34.1471, 29.4607,
21.6560

■ 34.1471, 29.4607,
21.6560

■ 31.0327, 24.9367,
15.3618

■ 37.8528, 34.7814,
29.3369

■ 28.4762, 21.1668,
10.3695

■ 42.1762, 40.9301,
38.4787

■ 26.4447, 18.1109,
6.5879

■ 47.1447, 47.9420,
49.1526

■ 24.9006, 15.7232,
3.9131

■ 52.7835, 55.8487,
61.4245

■ 23.8007, 13.9527,
2.2233

■ 59.1165, 64.6802,
75.3565

■ 23.0865, 12.7375,
1.3280

■ 66.1662, 74.4652,
91.0074

■ 23.0012, 12.5932,
1.2184

■ 73.7117, 85.1341,
107.1553

■ 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



35.6440, 29.4607, 30.1145



34.1471, 29.4607, 21.6560



31.0157, 29.4607, 16.9358

Triad

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



34.1471, 29.4607, 21.6560



22.0393, 29.4607, 24.4396



28.7073, 29.4607, 56.7447

Complementary

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



34.1471, 29.4607, 21.6560



34.5288, 41.7985, 57.8778

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.



25.1892, 29.4607, 54.2978



34.1471, 29.4607, 21.6560



21.5379, 29.4607, 34.1244

Square

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



34.1471, 29.4607, 21.6560



24.0762, 29.4607, 18.2794



22.6414, 29.4607, 45.3992



32.3318, 29.4607, 51.5000

Rectangle

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



34.1471, 29.4607, 21.6560



28.5374, 29.4607, 15.8247



22.6414, 29.4607, 45.3992



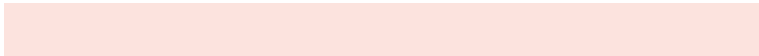
27.4723, 29.4607, 56.8061

Sweetspot

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



34.1479, 29.4621, 21.6566



80.9842, 81.0027, 80.5837



37.8478, 28.4855, 48.7136



17.4728, 17.3692, 17.0838



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.



34.1479, 29.4621, 21.6566



56.4814, 45.9791, 29.3111



40.0374, 41.2413, 23.6198



10.2005, 10.3325, 10.5186



14.9906, 8.2669, 0.8056



0.6896, 0.4410, 0.0488

Inverse Universe

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



34.5288, 41.7985, 57.8778



57.2318, 71.0857, 103.1743



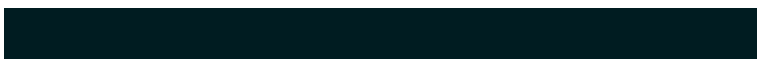
27.9137, 28.5684, 55.6728



10.2268, 11.1450, 12.8970



15.0573, 19.8711, 36.5985



0.6882, 0.9338, 1.5938

Previews

White Background



This preview shows how the XYZ color 34.1471, 29.4607, 21.6560 looks on a white background.

Color Contrast Check

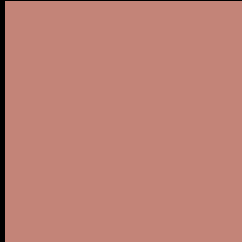
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1471, 29.4607, 21.6560 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 34.1471, 29.4607, 21.6560

Background



This preview shows how black text looks on a background with the XYZ color 34.1471, 29.4607, 21.6560.



This preview shows how white text looks on a background with the XYZ color 34.1471, 29.4607,

21.6560.

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

34.1471, 29.4607, 21.6560

Protanopia

28.0038, 29.7069, 24.6801

Deuteranopia

30.1766, 29.5382, 21.2505



Tritanopia

35.5364, 29.4349, 28.2346

Trichromacy



Original Color

34.1471, 29.4607, 21.6560

Protanomaly

29.9522, 29.3727, 23.4929

Deuteranomaly

31.4743, 29.3326, 21.4556

Tritanomaly

34.9124, 29.3670, 25.6581

Monochromacy



Original Color

34.1471, 29.4607, 21.6560

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1358, 29.5869, 28.1673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1471, 29.4607, 21.6560 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, 132, 120)` looks like.

```
.text, #text, p{  
    color:rgb(195, 132, 120)  
}
```

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, 132, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 132, 120) }
```

Border

The CSS property to change the border of an element to XYZ 34.1471, 29.4607, 21.6560 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, 132, 120) }
```


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

```
.border{ border-color:rgb(195, 132, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 132, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 132, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 132, 120);  
box-shadow:4px 4px 4px 4px rgb(195, 132,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1471, 29.4607, 21.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 132, 120) }
```

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

```
.background{ background-color: rgb(195,  
132, 120) }
```

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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