

Converting Colors

XYZ(34.6754, 29.2787, 20.1843)

Have a look what the booklet for
XYZ(34.6754, 29.2787, 20.1843)
contains.

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Color

**XYZ(34.6303, 29.3452,
20.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	C78273
RGB	199, 130, 115
RGB Percent	78%, 51%, 45%
CMY	0.2196, 0.4902, 0.5490
CMYK	0.00, 0.35, 0.42, 0.22
HSL	11°, 43%, 62%
HSV	11°, 42%, 78%
XYZ	34.6303, 29.3452, 20.0586
YIQ	148.9210, 45.9390, 9.9630

Conversions

Conversions Part 2

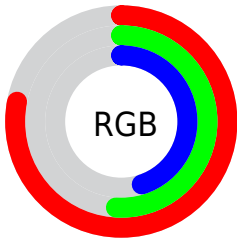
Format	Color
RYB	199, 133, 115
Decimal	13075059
CIELab	61.09, 24.85, 19.10
CIElCh	61, 31.347, 37.551
Yxy	29.3452, 0.4121, 0.3492
Android (android.graphics.Color)	4291265139 (0xFFC78273)
YUV	148.9210, -16.7231, 43.9193
Hunter-Lab	54.1712, 19.3110, 15.9659

Details

The XYZ color **34.6303, 29.3452, 20.0586** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5186, 42.0474, 60.3293**, and the grayscale version is **28.5891, 30.0780, 32.7549**.

A 20% lighter version of the original color is **65.1485, 57.9170, 44.3046**, and **15.2095, 11.9822, 6.8214** is the 20% darker color. If you saturate the color by 10%, you get **31.6023, 24.9283, 13.9966**, and if you desaturate by 10%, it is **38.2524, 34.5547, 27.5387**.

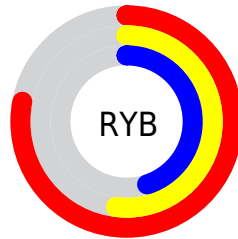
Distribution



Red (78%)

Green (51%)

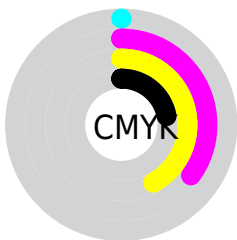
Blue (45%)



Red (78%)

Yellow (52%)

Blue (45%)

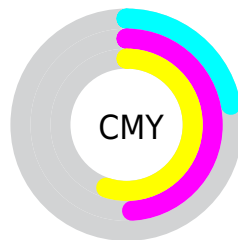


Cyan (0%)

Magenta (35%)

Yellow (42%)

Black (22%)



Cyan (22%)


Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6303, 29.3452, 20.0586 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 34.6303, 29.3452, 20.0586 by changing the saturation by 10% instead.


 34.6303, 29.3452,
20.0586


 34.6303, 29.3452,
20.0586


314.4702,
298.8402, 264.8469


 23.5434, 19.3421,
12.2531

 66.2504, 58.6251,
44.3757

 15.1182, 11.9177,
6.7917

 87.5144, 78.6707,
61.7244

 8.9892, 6.6877,
3.2557


 112.9015,
102.8326, 83.0912

 4.7912, 3.2676,
1.2266

142.7769,
131.4952, 108.8948

 2.1588, 1.2730,
0.0005

177.5062,
165.0428, 139.5536

 0.7209, 0.1201,
0.0000

217.4546,

 0.0000, 0.0000,

203.8600, 175.4862

0.0000

262.9874,
248.3310, 217.1111

■ 34.6303, 29.3452,
20.0586

■ 34.6303, 29.3452,
20.0586

■ 31.6023, 24.9283,
13.9966

■ 38.2524, 34.5547,
27.5387

■ 29.1339, 21.2606,
9.2609

■ 42.4961, 40.5885,
36.5174

■ 27.1901, 18.3012,
5.7518


■ 47.3900, 47.4823,
47.0709


■ 25.7313, 16.0034,
3.3543

■ 52.9602, 55.2679,
59.2699


■ 24.7114, 14.3148,
1.9315

■ 59.2313, 63.9758,
73.1809

 24.1704, 13.3766,
1.3080

 66.2267, 73.6349,
88.8666

 73.9687, 84.2730,
106.3864

 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



36.4724, 29.3452, 29.0722



34.6303, 29.3452, 20.0586



31.0162, 29.3452, 15.2805

Triad

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



34.6303, 29.3452, 20.0586



21.2134, 29.3452, 24.0726



28.9420, 29.3452, 60.0136

Complementary

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



34.6303, 29.3452, 20.0586



34.5186, 42.0474, 60.3293

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.



24.9844, 29.3452, 57.7333



34.6303, 29.3452, 20.0586



20.7750, 29.3452, 35.0158

Square

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



34.6303, 29.3452, 20.0586



23.3518, 29.3452, 17.1702



22.0895, 29.3452, 47.8067



32.9850, 29.3452, 53.4373

Rectangle

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



34.6303, 29.3452, 20.0586



28.2305, 29.3452, 14.2685



22.0895, 29.3452, 47.8067



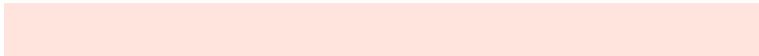
27.5557, 29.3452, 60.2810

Sweetspot

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



34.6310, 29.3466, 20.0592



82.0853, 81.8871, 80.4813



38.4409, 27.9065, 49.2593



17.1427, 16.9273, 16.3013



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.



34.6310, 29.3466, 20.0592



55.5567, 43.9759, 24.9453



41.2106, 42.5058, 22.2524



10.7845, 10.9382, 11.1056



15.5883, 8.6939, 0.8565



0.7863, 0.5081, 0.0566

Inverse Universe

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



34.5186, 42.0474, 60.3293



55.2919, 69.1597, 105.0427



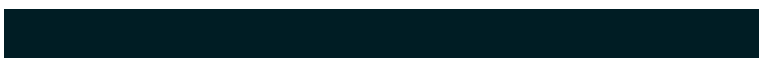
27.2017, 27.4135, 57.8903



10.7794, 11.7328, 13.6140



15.1605, 19.7149, 37.7507



0.7612, 1.0202, 1.8019

Previews

White Background



This preview shows how the XYZ color 34.6303, 29.3452, 20.0586 looks on a white background.

Color Contrast Check

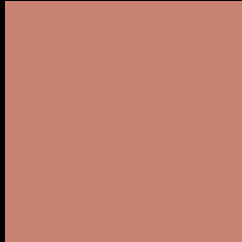
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6303, 29.3452, 20.0586 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 34.6303, 29.3452, 20.0586

Background



This preview shows how black text looks on a background with the XYZ color 34.6303, 29.3452, 20.0586.



This preview shows how white text looks on a background with the XYZ color 34.6303, 29.3452,

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

34.6303, 29.3452, 20.0586

Protanopia

27.7192, 29.3654, 22.9460

Deuteranopia

30.1092, 29.5369, 19.7371



Tritanopia

36.1207, 29.3738, 27.0585

Trichromacy



Original Color

34.6303, 29.3452, 20.0586

Protanomaly

29.9283, 29.1765, 21.8235

Deuteranomaly

31.6542, 29.4591, 19.9374

Tritanomaly

35.4349, 29.2762, 24.2053

Monochromacy



Original Color

34.6303, 29.3452, 20.0586

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1247, 29.3676, 27.7477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6303, 29.3452, 20.0586 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, 130, 115)` looks like.

```
.text, #text, p{  
    color:rgb(199, 130, 115)  
}
```

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, 130, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 130, 115) }
```

Border

The CSS property to change the border of an element to XYZ 34.6303, 29.3452, 20.0586 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, 130, 115) }
```


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

```
.border{ border-color:rgb(199, 130, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 130, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 130, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 130, 115);  
box-shadow:4px 4px 4px 4px rgb(199, 130,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6303, 29.3452, 20.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 130, 115) }
```

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

```
.background{ background-color: rgb(199,  
130, 115) }
```

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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