

Converting Colors

XYZ(34.8387, 29.1558, 24.5603)

Have a look what the booklet for
XYZ(34.8387, 29.1558, 24.5603)
contains.

XYZ(34.8387, 29.1558, 24.5603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.8387, 29.1558,
24.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	C58181
RGB	197, 129, 129
RGB Percent	77%, 51%, 51%
CMY	0.2274, 0.4941, 0.4941
CMYK	0.00, 0.35, 0.35, 0.23
HSL	0°, 37%, 64%
HSV	0°, 35%, 77%
XYZ	34.8387, 29.1558, 24.5603
YIQ	149.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

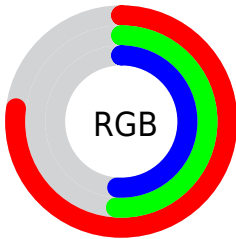
Format	Color
RYB	197, 129, 129
Decimal	12943745
CIELab	60.92, 26.28, 10.87
CIELCh	61, 28.444, 22.473
Yxy	29.1558, 0.3934, 0.3292
Android (android.graphics.Color)	4291133825 (0xFFC58181)
YUV	149.3320, -10.0237, 41.8048
Hunter-Lab	53.9961, 20.6764, 10.8290

Details

The XYZ color **34.8387, 29.1558, 24.5603** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0969, 48.6292, 60.1493**, and the grayscale version is **28.7365, 30.2331, 32.9238**.

A 20% lighter version of the original color is **66.4114, 58.0933, 51.9688**, and **15.2285, 11.8339, 9.0710** is the 20% darker color. If you saturate the color by 10%, you get **31.3040, 23.9837, 17.5325**, and if you desaturate by 10%, it is **39.1277, 35.4321, 33.0856**.

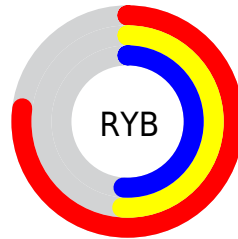
Distribution



Red (77%)

Green (51%)

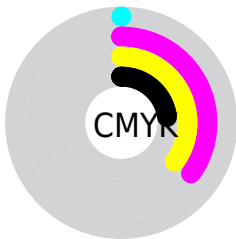
Blue (51%)



Red (77%)

Yellow (51%)

Blue (51%)

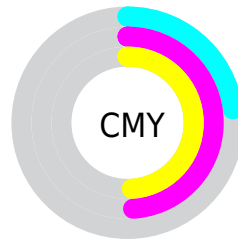


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (23%)



Cyan (23%)


Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8387, 29.1558, 24.5603 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 34.8387, 29.1558, 24.5603 by changing the saturation by 10% instead.


 34.8387, 29.1558,
24.5603

 34.8387, 29.1558,
24.5603


315.3763,
297.9494, 289.0183


 23.7046, 19.1987,
15.5337


 66.5715, 58.3245,
51.8982

 15.2382, 11.8140,
9.0441


 87.9009, 78.3050,
71.0467

 9.0741, 6.6171,
4.6727


 113.3594,
102.3953, 94.4062

 4.8471, 3.2238,
2.0012

143.3124,
130.9799, 122.3953

 2.1916, 1.2497,
0.5560

178.1252,
164.4433, 155.4325

 0.7383, 0.1017,
0.0000

218.1632,

 0.0000, 0.0000,

203.1697, 193.9364

0.0000

263.7918,
247.5436, 238.3255

■ 34.8387, 29.1558,
24.5603

■ 34.8387, 29.1558,
24.5603

■ 31.3040, 23.9837,
17.5325

■ 39.1277, 35.4321,
33.0856

■ 28.4777, 19.8480,
11.9141

■ 44.2085, 42.8667,
43.1860

■ 26.3128, 16.6802,
7.6107

■ 50.1190, 51.5154,
54.9360

■ 24.7557, 14.4016,
4.5154

■ 56.8940, 61.4291,
68.4046

■ 23.7441, 12.9213,
2.5047

■ 64.5663, 72.6558,
83.6572

■ 23.2028, 12.1291,
1.4288

■ 73.1670, 85.2409,
100.7553

■ 23.0262, 11.8706,
1.0776

■ 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



35.4010, 29.1558, 34.4972



34.8387, 29.1558, 24.5603



32.2872, 29.1558, 18.1454

Triad

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



34.8387, 29.1558, 24.5603



22.4314, 29.1558, 20.8581



26.7879, 29.1558, 56.6073

Complementary

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



34.8387, 29.1558, 24.5603



39.0969, 48.6292, 60.1493

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.



23.5903, 29.1558, 50.8571



34.8387, 29.1558, 24.5603



21.2252, 29.1558, 29.1445

Square

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



34.8387, 29.1558, 24.5603



25.0738, 29.1558, 16.3642



21.6297, 29.1558, 40.2114



30.5284, 29.1558, 54.6090

Rectangle

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



34.8387, 29.1558, 24.5603



29.9156, 29.1558, 15.9797



21.6297, 29.1558, 40.2114



25.6188, 29.1558, 55.4792

Sweetspot

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



34.8395, 29.1572, 24.5609



83.6111, 83.2617, 86.1596



40.9545, 31.6024, 56.7648



17.5792, 17.3576, 17.8115



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.



34.8395, 29.1572, 24.5609



57.7606, 45.4352, 34.7701



40.0859, 39.6500, 26.3097



10.6340, 10.6370, 11.0554



15.1454, 7.8079, 0.7088



0.7172, 0.3697, 0.0336

Inverse Universe

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



39.0969, 48.6292, 60.1493



66.4686, 85.2628, 107.5618



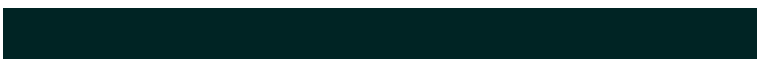
32.2288, 34.8930, 57.8599



10.9467, 12.0675, 13.6698



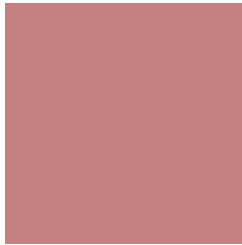
19.7598, 28.9135, 39.2838



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 34.8387, 29.1558, 24.5603 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 34.8387, 29.1558, 24.5603 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 34.8387, 29.1558, 24.5603

Background



This preview shows how black text looks on a background with the XYZ color 34.8387, 29.1558, 24.5603.



This preview shows how white text looks on a background with the XYZ color 34.8387, 29.1558,

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

34.8387, 29.1558, 24.5603

Protanopia

27.9701, 29.3778, 28.2411

Deuteranopia

29.8660, 29.3133, 24.1626



Tritanopia

35.5232, 29.2503, 27.4405

Trichromacy



Original Color

34.8387, 29.1558, 24.5603

Protanomaly

29.8997, 28.8303, 26.9106

Deuteranomaly

31.4323, 29.0335, 24.3694

Tritanomaly

35.3110, 29.1653, 26.3226

Monochromacy



Original Color

34.8387, 29.1558, 24.5603

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2814, 29.4060, 29.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8387, 29.1558, 24.5603 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(197, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 129)  
}
```

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(197, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 129) }
```

Border

The CSS property to change the border of an element to XYZ 34.8387, 29.1558, 24.5603 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(197, 129, 129) }
```


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

```
.border{ border-color:rgb(197, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8387, 29.1558, 24.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 129) }
```

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

```
.background{ background-color: rgb(197,  
129, 129) }
```

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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