

Converting Colors

XYZ(34.0154, 27.3115, 28.6781)

Have a look what the booklet for
XYZ(34.0154, 27.3115, 28.6781)
contains.

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Color

**XYZ(34.0154, 27.3115,
28.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	C27A8D
RGB	194, 122, 141
RGB Percent	76%, 48%, 55%
CMY	0.2392, 0.5215, 0.4471
CMYK	0.00, 0.37, 0.27, 0.24
HSL	344°, 37%, 62%
HSV	344°, 37%, 76%
XYZ	34.0154, 27.3115, 28.6781
YIQ	145.6940, 36.8130, 21.1730

Conversions

Conversions Part 2

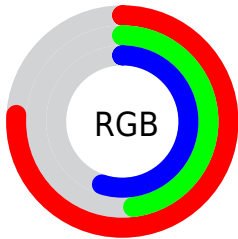
Format	Color
RYB	194, 122, 141
Decimal	12745357
CIELab	59.26, 30.59, 1.56
CIElCh	59, 30.626, 2.919
Yxy	27.3115, 0.3779, 0.3034
Android (android.graphics.Color)	4290935437 (0xFFC27A8D)
YUV	145.6940, -2.3141, 42.3644
Hunter-Lab	52.2604, 24.7269, 4.0467

Details

The XYZ color **34.0154, 27.3115, 28.6781** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0570, 45.8170, 47.5557**, and the grayscale version is **27.1957, 28.6120, 31.1585**.

A 20% lighter version of the original color is **65.3252, 55.2955, 58.8599**, and **14.8532, 10.8790, 11.2145** is the 20% darker color. If you saturate the color by 10%, you get **30.8718, 22.6165, 22.7212**, and if you desaturate by 10%, it is **37.7731, 33.0149, 35.5164**.

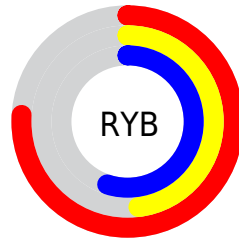
Distribution



Red (76%)

Green (48%)

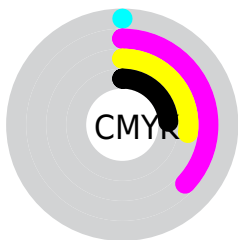
Blue (55%)



Red (76%)

Yellow (48%)

Blue (55%)

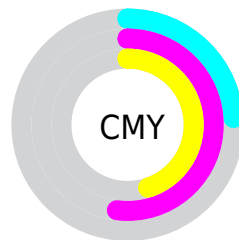


Cyan (0%)

Magenta (37%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0154, 27.3115, 28.6781 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 34.0154, 27.3115, 28.6781 by changing the saturation by 10% instead.


 34.0154, 27.3115,
28.6781


 34.0154, 27.3115,
28.6781


311.7854,
289.1622, 309.7064

 23.0684, 17.8073,
18.5940


 65.3017, 55.3833,
58.6013

 14.7650, 10.8117,
11.2034


 86.3718, 74.7197,
79.2775

 8.7398, 5.9404,
6.0879


 111.5469, 98.1024,
104.3214

 4.6276, 2.8089,
2.8290

141.1923,
125.9156, 134.1517

 2.0630, 1.0328,
1.0080

175.6736,
158.5438, 169.1867

 0.6690, 0.0000,
0.0000

215.3559,

 0.0000, 0.0000,

196.3713, 209.8452

0.0000

260.6048,
239.7827, 256.5455

■ 34.0154, 27.3115,
28.6781

■ 34.0154, 27.3115,
28.6781

■ 30.8718, 22.6165,
22.7212

■ 37.7731, 33.0149,
35.5164

■ 28.3063, 18.8669,
17.6072

■ 42.1735, 39.7769,
43.2690

■ 26.2826, 15.9990,
13.2969


■ 47.2464, 47.6490,
51.9693


■ 24.7594, 13.9392,
9.7474


■ 53.0188, 56.6784,
61.6482


■ 23.6887, 12.6019,
6.9112

■ 59.5163, 66.9092,
72.3354

 23.0062, 11.8699,
4.7324

 66.7632, 78.3836,
84.0591

 22.8499, 11.7100,
4.2095

 73.8810, 89.3385,
96.5462

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



33.0705, 27.3115, 40.3901



34.0154, 27.3115, 28.6781



32.6324, 27.3115, 19.6996

Triad

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



34.0154, 27.3115, 28.6781



22.1647, 27.3115, 15.3330



22.7535, 27.3115, 52.7007

Complementary

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



34.0154, 27.3115, 28.6781



35.0570, 45.8170, 47.5557

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.



20.2633, 27.3115, 42.7110



34.0154, 27.3115, 28.6781



19.9475, 27.3115, 21.1450

Square

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



34.0154, 27.3115, 28.6781



25.5861, 27.3115, 13.2762



19.2867, 27.3115, 30.8228



26.3350, 27.3115, 56.1124

Rectangle

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



34.0154, 27.3115, 28.6781



30.6488, 27.3115, 15.9039



19.2867, 27.3115, 30.8228



21.7734, 27.3115, 49.8972

Sweetspot

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



34.0162, 27.3128, 28.6786



81.7135, 80.2840, 87.5390



34.3325, 26.9064, 54.4231



17.6150, 17.1477, 18.6912



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.



34.0162, 27.3128, 28.6786



56.6632, 42.0585, 42.5797



34.9657, 31.2832, 22.6094



10.1799, 10.1206, 11.0378



15.0524, 7.7107, 2.9219



0.6799, 0.3450, 0.2819

Inverse Universe

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



34.0162, 27.3128, 28.6786



56.6632, 42.0585, 42.5797



33.5264, 39.5569, 56.9074



10.1799, 10.1206, 11.0378



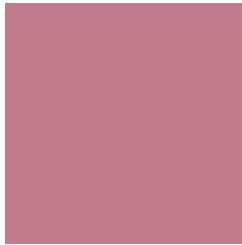
15.0524, 7.7107, 2.9219



0.6799, 0.3450, 0.2819

Previews

White Background



This preview shows how the XYZ color 34.0154, 27.3115, 28.6781 looks on a white background.

Color Contrast Check

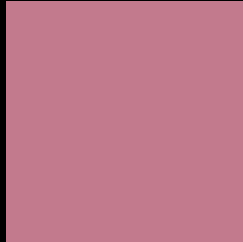
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0154, 27.3115, 28.6781 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 34.0154, 27.3115, 28.6781

Background



This preview shows how black text looks on a background with the XYZ color 34.0154, 27.3115, 28.6781.



This preview shows how white text looks on a background with the XYZ color 34.0154, 27.3115,

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

34.0154, 27.3115, 28.6781

Protanopia

26.7505, 27.4855, 34.0323

Deuteranopia

27.9740, 27.3829, 27.8558



Tritanopia

33.3089, 27.1968, 25.6842

Trichromacy



Original Color

34.0154, 27.3115, 28.6781

Protanomaly

28.9891, 27.1793, 32.1520

Deuteranomaly

29.9247, 27.1373, 28.0869

Tritanomaly

33.5192, 27.2809, 26.7916

Monochromacy



Original Color

34.0154, 27.3115, 28.6781

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0840, 27.6915, 30.1977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0154, 27.3115, 28.6781 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(194, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 141)  
}
```

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(194, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 141) }
```

Border

The CSS property to change the border of an element to XYZ 34.0154, 27.3115, 28.6781 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(194, 122, 141) }
```


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

```
.border{ border-color:rgb(194, 122, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 122, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 122, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 122, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 122,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0154, 27.3115, 28.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 122, 141) }
```

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

```
.background{ background-color: rgb(194,  
122, 141) }
```

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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