

Converting Colors

XYZ(34.5749, 31.5077, 37.0767)

Have a look what the booklet for
XYZ(34.5749, 31.5077, 37.0767)
contains.

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Color

**XYZ(34.5214, 31.4329,
37.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	B38E9F
RGB	179, 142, 159
RGB Percent	70%, 56%, 62%
CMY	0.2980, 0.4431, 0.3765
CMYK	0.00, 0.21, 0.11, 0.30
HSL	332°, 20%, 63%
HSV	332°, 21%, 70%
XYZ	34.5214, 31.4329, 37.0486
YIQ	155.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

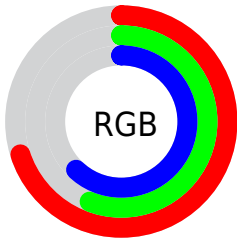
Format	Color
RYB	179, 142, 159
Decimal	11767455
CIELab	62.87, 16.78, -3.64
CIELCh	63, 17.169, 347.756
Yxy	31.4329, 0.3351, 0.3052
Android (android.graphics.Color)	4289957535 (0xFFB38E9F)
YUV	155.0010, 1.9715, 21.0471
Hunter-Lab	56.0651, 11.7954, 0.0658

Details

The XYZ color **34.5214, 31.4329, 37.0486** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7982, 40.6004, 40.2396**, and the grayscale version is **31.1433, 32.7652, 35.6813**.

A 20% lighter version of the original color is **66.1385, 61.9971, 72.0991**, and **15.1381, 13.1726, 15.9321** is the 20% darker color. If you saturate the color by 10%, you get **31.2621, 26.2055, 31.9803**, and if you desaturate by 10%, it is **38.2760, 37.5447, 42.6071**.

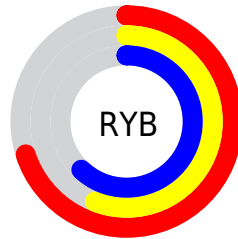
Distribution



Red (70%)

Green (56%)

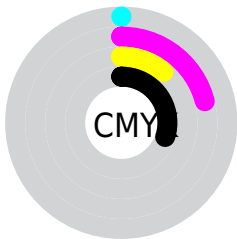
Blue (62%)



Red (70%)

Yellow (56%)

Blue (62%)

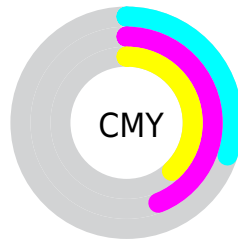


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (30%)



Cyan (30%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5214, 31.4329, 37.0486 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 34.5214, 31.4329, 37.0486 by changing the saturation by 10% instead.


 34.5214, 31.4329,
37.0486


 34.5214, 31.4329,
37.0486

313.9959,
308.5278, 348.6959


 23.4592, 20.9287,
24.9490


 66.0826, 61.9210,
71.8347

 15.0555, 13.0719,
15.8204


 87.3123, 82.6737,
95.3583

 8.9449, 7.4781,
9.2442


 112.6619,
107.6113, 123.5270

 4.7621, 3.7628,
4.8018

142.4968,
137.1183, 156.7593

 2.1417, 1.5418,
2.0748

177.1823,
171.5791, 195.4739

 0.7117, 0.3179,
0.6007

217.0837,

 0.0000, 0.0000,

211.3780, 240.0891

0.0000

262.5665,
256.8994, 291.0236

■ 34.5214, 31.4329,
37.0486

■ 34.5214, 31.4329,
37.0486

■ 31.2621, 26.2055,
31.9803

■ 38.2760, 37.5447,
42.6071

■ 28.4734, 21.8171,
27.3855

■ 42.5436, 44.5754,
48.6677

■ 26.1327, 18.2242,
23.2494

■ 47.3443, 52.5626,
55.2445

■ 24.2142, 15.3781,
19.5554

■ 52.6964, 61.5407,
62.3502

■ 22.6895, 13.2243,
16.2857

■ 58.6174, 71.5423,
69.9972

■ 21.5261, 11.7011,
13.4210

■ 65.1237, 82.5985,
78.1973

■ 20.6863, 10.7355,
10.9396

■ 68.1793, 86.6353,
85.6113

■ 20.1225, 10.1966,
8.9373

■ 69.5510, 87.1840,
92.8343

■ 70.9989, 87.7631,
100.4587

Harmonies

Analogous

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



33.3537, 31.4329, 43.7009



34.5214, 31.4329, 37.0486



34.3975, 31.4329, 30.4220

Triad

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



34.5214, 31.4329, 37.0486



28.5168, 31.4329, 23.3042



26.9351, 31.4329, 44.7466

Complementary

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



34.5214, 31.4329, 37.0486



33.7982, 40.6004, 40.2396

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.



25.7692, 31.4329, 38.3326



34.5214, 31.4329, 37.0486



26.6489, 31.4329, 26.2287

Square

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



34.5214, 31.4329, 37.0486



30.8463, 31.4329, 23.0554



25.6673, 31.4329, 31.5488



28.9263, 31.4329, 48.5209

Rectangle

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



34.5214, 31.4329, 37.0486



33.5995, 31.4329, 26.8854



25.6673, 31.4329, 31.5488



26.4383, 31.4329, 42.7919

Sweetspot

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



34.5223, 31.4343, 37.0493



71.9250, 72.7831, 81.1515



32.6570, 30.2557, 46.7669



15.8275, 15.9481, 17.8260



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.5223, 31.4343, 37.0493



58.9443, 51.6532, 61.9303



33.3315, 31.2532, 29.8686



8.6533, 8.5680, 9.6728



14.2516, 7.2182, 6.4847



0.4780, 0.2389, 0.3597

Inverse Universe

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



34.5223, 31.4343, 37.0493



58.9443, 51.6532, 61.9303



35.1670, 40.7542, 48.6610



8.6533, 8.5680, 9.6728



14.2516, 7.2182, 6.4847



0.4780, 0.2389, 0.3597

Previews

White Background



This preview shows how the XYZ color 34.5214, 31.4329, 37.0486 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.5214, 31.4329, 37.0486 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 ✓ Pass

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

XYZ 34.5214, 31.4329, 37.0486

Background



This preview shows how black text looks on a background with the XYZ color 34.5214, 31.4329, 37.0486.



This preview shows how white text looks on a background with the XYZ color 34.5214, 31.4329,

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

34.5214, 31.4329, 37.0486

Protanopia

30.6206, 31.4291, 40.0499

Deuteranopia

32.2785, 31.6478, 36.7551



Tritanopia

34.0153, 31.4430, 34.8482

Trichromacy



Original Color

34.5214, 31.4329, 37.0486

Protanomaly

31.8987, 31.4012, 39.0301

Deuteranomaly

33.0280, 31.5724, 36.7011

Tritanomaly

34.1833, 31.5102, 35.7329

Monochromacy



Original Color

34.5214, 31.4329, 37.0486

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.2169, 32.1055, 35.9515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5214, 31.4329, 37.0486 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(179, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(179, 142, 159)  
}
```

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(179, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 142, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.5214, 31.4329, 37.0486 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(179, 142, 159) }
```


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

```
.border{ border-color:rgb(179, 142, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 142, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 142, 159);  
box-shadow:4px 4px 4px 4px rgb(179, 142,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5214, 31.4329, 37.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 142, 159) }
```

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

```
.background{ background-color: rgb(179,  
142, 159) }
```

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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