

Converting Colors

XYZ(34.1893, 26.5276, 57.6425)

Have a look what the booklet for
XYZ(34.1893, 26.5276, 57.6425)
contains.

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Color

**XYZ(34.1594, 26.5689,
57.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	AC79C7
RGB	172, 121, 199
RGB Percent	67%, 47%, 78%
CMY	0.3255, 0.5255, 0.2196
CMYK	0.14, 0.39, 0.00, 0.22
HSL	279°, 41%, 63%
HSV	279°, 39%, 78%
XYZ	34.1594, 26.5689, 57.3607
YIQ	145.1410, 5.3580, 35.0700

Conversions

Conversions Part 2

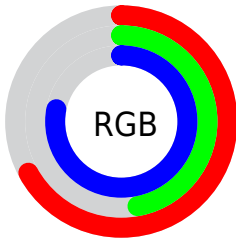
Format	Color
R _Y B	172, 121, 199
Decimal	11303367
CIE Lab	58.57, 34.05, -32.95
CIE LCh	59, 47.388, 315.941
Yxy	26.5689, 0.2893, 0.2250
Android (android.graphics.Color)	4289493447 (0xFFAC79C7)
YUV	145.1410, 26.5525, 23.5553
Hunter-Lab	51.5450, 28.0899, -29.8980

Details

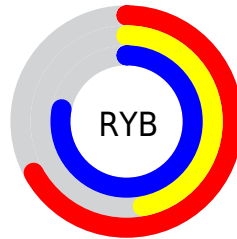
The XYZ color **34.1594, 26.5689, 57.3607** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.0882, 48.5238, 25.5543**, and the grayscale version is **26.8657, 28.2648, 30.7803**.

A 20% lighter version of the original color is **65.1810, 53.9861, 101.5927**, and **14.8353, 10.4024, 28.0140** is the 20% darker color. If you saturate the color by 10%, you get **30.5132, 21.4625, 56.5677**, and if you desaturate by 10%, it is **38.3846, 32.7155, 58.3248**.

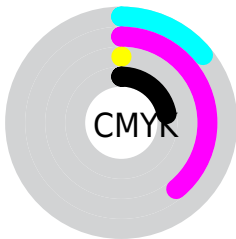
Distribution



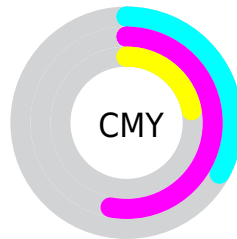
- Red (67%)
- Green (47%)
- Blue (78%)



- Red (67%)
- Yellow (47%)
- Blue (78%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)





- Cyan (33%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1594, 26.5689, 57.3607 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 34.1594, 26.5689, 57.3607 by changing the saturation by 10% instead.


 34.1594, 26.5689,
57.3607


 34.1594, 26.5689,
57.3607


312.4156,
285.5637, 432.3311


 23.1796, 17.2497,
40.8836


 65.5241, 54.1913,
102.4969

 14.8476, 10.4127,
27.9091


 86.6397, 73.2633,
131.9930

 8.7981, 5.6734,
18.0187

 111.8646, 96.3551,
166.6659

 4.6658, 2.6475,
10.7939

141.5641,
123.8510, 206.9342

 2.0852, 0.9506,
5.8160

176.1036,
156.1354, 253.2163

 0.6812, 0.0000,
2.6665

215.8484,

 0.0000, 0.0000,

193.5927, 305.9308

0.9265

261.1640,
236.6074, 365.4962

■ 0.0000, 0.0000,
0.0000

■ 34.1594, 26.5689,
57.3607

■ 34.1594, 26.5689,
57.3607

■ 30.5132, 21.4625,
56.5677

■ 38.3846, 32.7155,
58.3248

■ 27.4113, 17.3306,
55.9336

■ 43.2154, 39.9561,
59.4678

■ 24.8189, 14.1051,
55.4477

■ 48.6801, 48.3447,
60.7989

■ 22.6958, 11.7072,
55.0967

■ 54.8041, 57.9306,
62.3264

■ 20.9949, 10.0443,
54.8654

■ 61.6116, 68.7603,
64.0580

■ 19.6355, 8.9574,
54.7273

■ 69.1251, 80.8777,
66.0009

■ 19.5326, 8.8786,
54.7175

■ 75.6510, 90.8937,
67.5902

■ 77.7819, 91.9922,
67.6899

■ 79.9998, 93.1356,
67.7937

Harmonies

Analogous

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



28.4462, 26.5689, 71.8731



34.1594, 26.5689, 57.3607



37.7104, 26.5689, 37.4159

Triad

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



34.1594, 26.5689, 57.3607



28.0645, 26.5689, 7.6719



15.9641, 26.5689, 38.6331

Complementary

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



34.1594, 26.5689, 57.3607



36.0882, 48.5238, 25.5543

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.



15.8943, 26.5689, 21.8336



34.1594, 26.5689, 57.3607



22.3080, 26.5689, 7.7847

Square

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



34.1594, 26.5689, 57.3607



33.8432, 26.5689, 11.4934



18.0471, 26.5689, 11.8994



18.2552, 26.5689, 58.5408

Rectangle

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



34.1594, 26.5689, 57.3607



38.0703, 26.5689, 25.7431



18.0471, 26.5689, 11.8994



15.6934, 26.5689, 32.3675

Sweetspot

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



34.1603, 26.5700, 57.3613



82.2632, 80.0527, 105.7237



28.8319, 29.4636, 58.2006



17.3319, 16.7100, 22.5618



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.



34.1603, 26.5700, 57.3613



54.3247, 38.8129, 99.2362



39.3931, 29.4186, 50.7850



10.7129, 10.6258, 13.4038



12.6571, 5.7592, 35.1889



0.6751, 0.3118, 1.6697

Inverse Universe

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



35.7366, 27.9560, 31.5305



57.8245, 41.7897, 46.4237



32.5224, 46.5976, 29.3630



10.7829, 10.6965, 11.8401



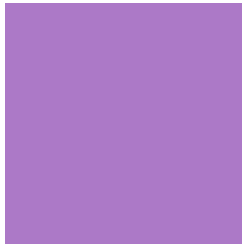
15.8712, 8.0980, 4.5314



0.7857, 0.3971, 0.3946

Previews

White Background



This preview shows how the XYZ color 34.1594, 26.5689, 57.3607 looks on a white background.

Color Contrast Check

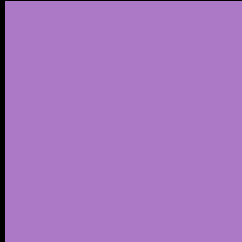
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1594, 26.5689, 57.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

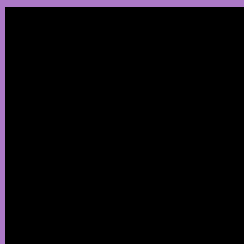
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1594, 26.5689, 57.3607

Background



This preview shows how black text looks on a background with the XYZ color 34.1594, 26.5689, 57.3607.



This preview shows how white text looks on a background with the XYZ color 34.1594, 26.5689,

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

34.1594, 26.5689, 57.3607

Protanopia

28.3131, 26.9142, 66.6535

Deuteranopia

27.2513, 26.6163, 55.3309



Tritanopia

28.4497, 26.5448, 29.6108

Trichromacy



Original Color

34.1594, 26.5689, 57.3607

Protanomaly

29.7898, 26.2908, 63.1791

Deuteranomaly

29.1996, 26.1508, 55.7332

Tritanomaly

30.1870, 26.4518, 38.1650

Monochromacy



Original Color

34.1594, 26.5689, 57.3607

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1133, 27.2935, 39.3310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1594, 26.5689, 57.3607 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(172, 121, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 199)  
}
```

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(172, 121, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.1594, 26.5689, 57.3607 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(172, 121, 199) }
```


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

```
.border{ border-color:rgb(172, 121, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 199);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1594, 26.5689, 57.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 199) }
```

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

```
.background{ background-color: rgb(172,  
121, 199) }
```

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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