

Converting Colors

XYZ(34.1601, 24.5107, 30.1209)

Have a look what the booklet for
XYZ(34.1601, 24.5107, 30.1209)
contains.

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Color

**XYZ(34.0593, 24.4578,
30.1198)**

Conversions

Conversions Part 1

Format	Color
Hex	C86992
RGB	200, 105, 146
RGB Percent	78%, 41%, 57%
CMY	0.2157, 0.5882, 0.4274
CMYK	0.00, 0.47, 0.27, 0.22
HSL	334°, 46%, 60%
HSV	334°, 47%, 78%
XYZ	34.0593, 24.4578, 30.1198
YIQ	138.0790, 43.4590, 32.8910

Conversions

Conversions Part 2

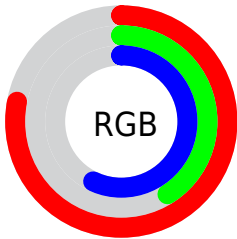
Format	Color
R _Y B	200, 105, 146
Decimal	13134226
CIE Lab	56.54, 42.46, -5.24
CIE LCh	57, 42.778, 352.964
Yxy	24.4578, 0.3843, 0.2759
Android (android.graphics.Color)	4291324306 (0xFFC86992)
YUV	138.0790, 3.9051, 54.3047
Hunter-Lab	49.4548, 36.3861, -1.4914

Details

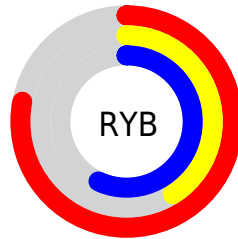
The XYZ color **34.0593, 24.4578, 30.1198** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.7392, 46.8157, 40.1140**, and the grayscale version is **24.1622, 25.4206, 27.6830**.

A 20% lighter version of the original color is **64.0635, 50.2264, 60.9617**, and **14.7121, 9.2304, 12.0726** is the 20% darker color. If you saturate the color by 10%, you get **31.4157, 20.5162, 25.0901**, and if you desaturate by 10%, it is **37.2712, 29.3950, 35.7734**.

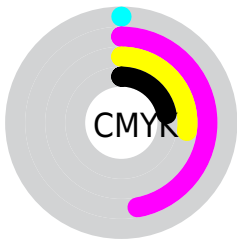
Distribution



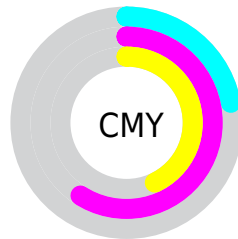
- Red (78%)
- Green (41%)
- Blue (57%)



- Red (78%)
- Yellow (41%)
- Blue (57%)



- Cyan (0%)
- Magenta (47%)
- Yellow (27%)
- Black (22%)




- Cyan (22%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0593, 24.4578, 30.1198 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 34.0593, 24.4578, 30.1198 by changing the saturation by 10% instead.


 34.0593, 24.4578,
30.1198

 34.0593, 24.4578,
30.1198


311.9777,
275.1269, 316.6871

 23.1023, 15.6736,
19.6767


 65.3696, 50.7762,
60.9148


 14.7901, 9.2935,
11.9785


 86.4535, 69.0792,
82.1038

 8.7576, 4.9331,
6.6067


 111.6437, 91.3239,
107.7119

 4.6392, 2.2081,
3.1427

 141.3057,
117.8947, 138.1576

 2.0698, 0.7244,
1.1679

175.8047,
149.1760, 173.8594

 0.6727, 0.0000,
0.0000

215.5062,

 0.0000, 0.0000,

185.5522, 215.2359

0.0000

260.7753,
227.4077, 262.7057

■ 34.0593, 24.4578,
30.1198

■ 34.0593, 24.4578,
30.1198

■ 31.4157, 20.5162,
25.0901

■ 37.2712, 29.3950,
35.7734

■ 29.3017, 17.4973,
20.6581

■ 41.0827, 35.3866,
42.0726

■ 27.6768, 15.3241,
16.7973


■ 45.5248, 42.4913,
49.0397


■ 26.4930, 13.9052,
13.4778


■ 50.6262, 50.7623,
56.6955

■ 25.6836, 13.1120,
10.6627

■ 56.4133, 60.2492,
65.0594

 25.5118, 12.9563,
10.0260

 62.9113, 70.9989,
74.1505

 70.1440, 83.0558,
83.9867

 74.8587, 89.9111,
93.4935

 76.5728, 90.5967,
102.5198

Harmonies

Analogous

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



31.7245, 24.4578, 46.7117



34.0593, 24.4578, 30.1198



33.1842, 24.4578, 17.3291

Triad

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



34.0593, 24.4578, 30.1198



19.7192, 24.4578, 8.5627



17.9603, 24.4578, 54.9391

Complementary

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



34.0593, 24.4578, 30.1198



32.7392, 46.8157, 40.1140

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.



15.5217, 24.4578, 38.7767



34.0593, 24.4578, 30.1198



16.4318, 24.4578, 13.3300

Square

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



34.0593, 24.4578, 30.1198



24.4349, 24.4578, 7.6755



15.0049, 24.4578, 23.4215



22.0971, 24.4578, 63.9958

Rectangle

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



34.0593, 24.4578, 30.1198



30.9506, 24.4578, 12.0115



15.0049, 24.4578, 23.4215



16.9402, 24.4578, 49.9310

Sweetspot

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



34.0600, 24.4590, 30.1203



81.6029, 78.0609, 89.1414



29.7430, 21.6286, 57.2509



17.0679, 16.0645, 18.4749



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.



34.0600, 24.4590, 30.1203



54.2608, 35.3295, 43.1787



32.0910, 24.7423, 16.4504



10.8207, 10.7117, 12.0392



16.2643, 8.2553, 6.6018



0.8063, 0.4054, 0.5030

Inverse Universe

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



34.0600, 24.4590, 30.1203



54.2608, 35.3295, 43.1787



35.4695, 45.6094, 61.5779



10.8207, 10.7117, 12.0392



16.2643, 8.2553, 6.6018



0.8063, 0.4054, 0.5030

Previews

White Background



This preview shows how the XYZ color 34.0593, 24.4578, 30.1198 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 34.0593, 24.4578, 30.1198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

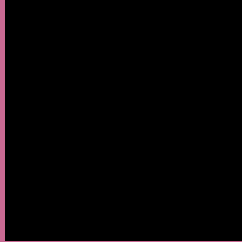
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0593, 24.4578, 30.1198

Background



This preview shows how black text looks on a background with the XYZ color 34.0593, 24.4578, 30.1198.



This preview shows how white text looks on a background with the XYZ color 34.0593, 24.4578,

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

34.0593, 24.4578, 30.1198

Protanopia

24.5088, 24.7117, 39.0754

Deuteranopia

25.0916, 24.6287, 28.6306



Tritanopia

31.8719, 24.3302, 20.1559

Trichromacy



Original Color

34.0593, 24.4578, 30.1198

Protanomaly

26.8968, 23.8525, 35.5341

Deuteranomaly

27.6433, 24.0092, 29.1639

Tritanomaly

32.5475, 24.2894, 23.3950

Monochromacy



Original Color

34.0593, 24.4578, 30.1198

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.9665, 24.4219, 28.4919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0593, 24.4578, 30.1198 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(200, 105, 146)` looks like.

```
.text, #text, p{  
    color:rgb(200, 105, 146)  
}
```

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(200, 105, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 105, 146) }
```

Border

The CSS property to change the border of an element to XYZ 34.0593, 24.4578, 30.1198 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(200, 105, 146) }
```


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

```
.border{ border-color:rgb(200, 105, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 105, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 105, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 105, 146);  
box-shadow:4px 4px 4px 4px rgb(200, 105,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0593, 24.4578, 30.1198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 105, 146) }
```

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

```
.background{ background-color: rgb(200,  
105, 146) }
```

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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