

Converting Colors

XYZ(34.5913, 24.8006, 41.6741)

Have a look what the booklet for
XYZ(34.5913, 24.8006, 41.6741)
contains.

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Color

**XYZ(34.6007, 24.7931,
41.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	C16BAB
RGB	193, 107, 171
RGB Percent	76%, 42%, 67%
CMY	0.2431, 0.5804, 0.3294
CMYK	0.00, 0.45, 0.11, 0.24
HSL	315°, 41%, 59%
HSV	315°, 45%, 76%
XYZ	34.6007, 24.7931, 41.4900
YIQ	140.0100, 30.7120, 38.1360

Conversions

Conversions Part 2

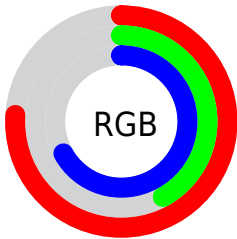
Format	Color
RYB	193, 107, 171
Decimal	12676011
CIELab	56.87, 42.91, -19.35
CIELCh	57, 47.068, 335.722
Yxy	24.7931, 0.3430, 0.2458
Android (android.graphics.Color)	4290866091 (0xFFC16BAB)
YUV	140.0100, 15.2781, 46.4722
Hunter-Lab	49.7927, 36.9017, -14.5488

Details

The XYZ color **34.6007, 24.7931, 41.4900** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **29.0969, 42.8515, 27.5082**, and the grayscale version is **24.8660, 26.1610, 28.4893**.

A 20% lighter version of the original color is **66.0819, 51.1418, 78.3400**, and **15.2252, 9.5635, 18.4963** is the 20% darker color. If you saturate the color by 10%, you get **32.3468, 21.0241, 38.4600**, and if you desaturate by 10%, it is **37.3228, 29.4695, 44.7633**.

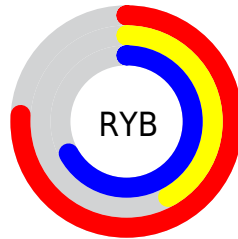
Distribution



Red (76%)

Green (42%)

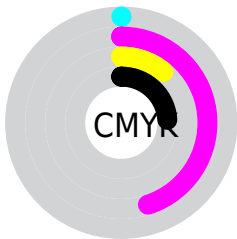
Blue (67%)



Red (76%)

Yellow (42%)

Blue (67%)

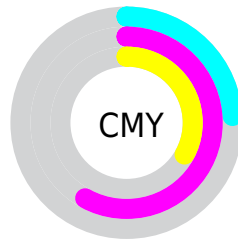


Cyan (0%)

Magenta (45%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (58%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6007, 24.7931, 41.4900 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 34.6007, 24.7931, 41.4900 by changing the saturation by 10% instead.


 34.6007, 24.7931,
41.4900


 34.6007, 24.7931,
41.4900


314.3413,
276.8060, 368.1015

 23.5205, 15.9230,
28.3796


 66.2048, 51.3214,
78.6889


 15.1011, 9.4697,
18.3705


 87.4595, 69.7483,
103.6145

 8.9772, 5.0488,
11.0441


 112.8364, 92.1296,
133.3155

 4.7833, 2.2759,
5.9820

 142.7008,
118.8498, 168.2105

 2.1541, 0.7609,
2.7655

177.4182,
150.2931, 208.7181

 0.7184, 0.0000,
0.9762

217.3538,

 0.0000, 0.0000,

186.8439, 255.2568

0.0000

262.8731,
228.8868, 308.2451

■ 34.6007, 24.7931,
41.4900

■ 34.6007, 24.7931,
41.4900

■ 32.3468, 21.0241,
38.4600

■ 37.3228, 29.4695,
44.7633

■ 30.5283, 18.0986,
35.6607

■ 40.5384, 35.1048,
48.2885

■ 29.1119, 15.9496,
33.0804

■ 44.2736, 41.7508,
52.0755

■ 28.0582, 14.4988,
30.7048

■ 48.5522, 49.4544,
56.1332

■ 27.3193, 13.6508,
28.5171

■ 53.3963, 58.2598,
60.4696

■ 26.9980, 13.3398,
27.3878

■ 58.8268, 68.2084,
65.0927

■ 64.8636, 79.3396,
70.0100

■ 69.4479, 87.5357,
74.5361

■ 70.0747, 87.7864,
77.8367

Harmonies

Analogous

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



30.3069, 24.7931, 59.8771



34.6007, 24.7931, 41.4900



35.7555, 24.7931, 24.0824

Triad

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



34.6007, 24.7931, 41.4900



22.5247, 24.7931, 6.6621



15.9685, 24.7931, 48.8653

Complementary

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



34.6007, 24.7931, 41.4900



29.0969, 42.8515, 27.5082

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.



14.5179, 24.7931, 30.1345



34.6007, 24.7931, 41.4900



17.9055, 24.7931, 9.0963

Square

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



34.6007, 24.7931, 41.4900



28.1947, 24.7931, 7.7089



15.1675, 24.7931, 16.3438



19.4722, 24.7931, 65.1700

Rectangle

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



34.6007, 24.7931, 41.4900



34.4552, 24.7931, 15.8532



15.1675, 24.7931, 16.3438



15.2518, 24.7931, 42.4192

Sweetspot

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



34.6015, 24.7943, 41.4905



80.2733, 76.5305, 94.2221



23.8620, 18.9950, 52.8613



16.8776, 15.8029, 19.8777



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.6015, 24.7943, 41.4905



58.1995, 38.0926, 69.2621



31.1803, 23.4258, 23.4746



10.3837, 10.2021, 12.1109



17.9905, 8.8860, 18.3938



0.8039, 0.3946, 0.9349

Inverse Universe

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



34.6015, 24.7943, 41.4905



58.1995, 38.0926, 69.2621



32.5328, 44.2258, 45.6011



10.3837, 10.2021, 12.1109



17.9905, 8.8860, 18.3938



0.8039, 0.3946, 0.9349

Previews

White Background



This preview shows how the XYZ color 34.6007, 24.7931, 41.4900 looks on a white background.

Color Contrast Check

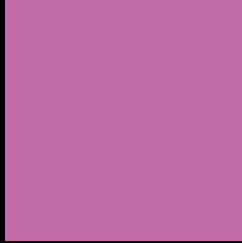
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6007, 24.7931, 41.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

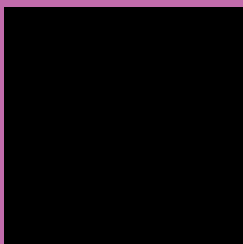
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6007, 24.7931, 41.4900

Background



This preview shows how black text looks on a background with the XYZ color 34.6007, 24.7931, 41.4900.



This preview shows how white text looks on a background with the XYZ color 34.6007, 24.7931,

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

34.6007, 24.7931, 41.4900

Protanopia

25.9241, 25.1268, 53.3528

Deuteranopia

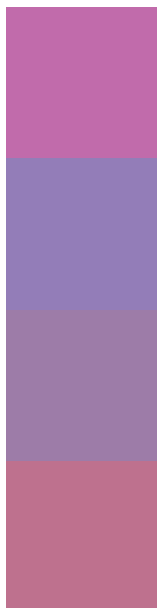
25.5614, 25.0376, 39.5619



Tritanopia

30.8020, 24.8946, 22.5837

Trichromacy



Original Color

34.6007, 24.7931, 41.4900

Protanomaly

28.0180, 24.3310, 48.5670

Deuteranomaly

28.1802, 24.4106, 40.2722

Tritanomaly

32.0228, 24.7104, 28.6730

Monochromacy



Original Color

34.6007, 24.7931, 41.4900

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.6032, 25.0436, 32.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6007, 24.7931, 41.4900 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(193, 107, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 107, 171)  
}
```

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(193, 107, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 107, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.6007, 24.7931, 41.4900 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(193, 107, 171) }
```


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

```
.border{ border-color:rgb(193, 107, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 107, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 107,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6007, 24.7931, 41.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 107, 171) }
```

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

```
.background{ background-color: rgb(193,  
107, 171) }
```

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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