

Converting Colors

XYZ(34.2663, 24.6956, 38.1892)

Have a look what the booklet for
XYZ(34.2663, 24.6956, 38.1892)
contains.

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Color

**XYZ(34.2067, 24.6651,
38.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	C26BA4
RGB	194, 107, 164
RGB Percent	76%, 42%, 64%
CMY	0.2392, 0.5804, 0.3569
CMYK	0.00, 0.45, 0.15, 0.24
HSL	321°, 42%, 59%
HSV	321°, 45%, 76%
XYZ	34.2067, 24.6651, 38.0799
YIQ	139.5110, 33.5550, 36.1710

Conversions

Conversions Part 2

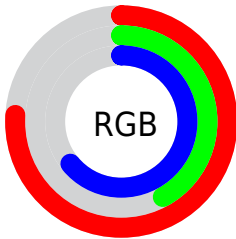
Format	Color
R _Y B	194, 107, 164
Decimal	12741540
CIE Lab	56.75, 42.09, -15.48
CIE LCh	57, 44.844, 339.802
Yxy	24.6651, 0.3528, 0.2544
Android (android.graphics.Color)	4290931620 (0xFFC26BA4)
YUV	139.5110, 12.0731, 47.7869
Hunter-Lab	49.6640, 36.0322, -10.6959

Details

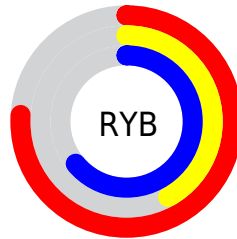
The XYZ color **34.2067, 24.6651, 38.0799** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **29.8717, 43.5163, 30.4940**, and the grayscale version is **24.6842, 25.9697, 28.2810**.

A 20% lighter version of the original color is **65.5019, 50.9515, 73.4001**, and **14.8200, 9.4015, 16.3628** is the 20% darker color. If you saturate the color by 10%, you get **31.8181, 20.8292, 34.3809**, and if you desaturate by 10%, it is **37.0823, 29.4235, 42.0985**.

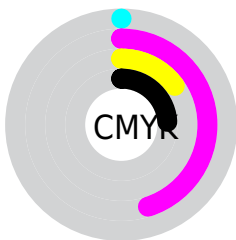
Distribution



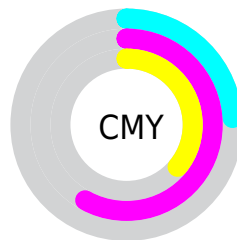
- Red (76%)
- Green (42%)
- Blue (64%)



- Red (76%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (24%)




- Cyan (24%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2067, 24.6651, 38.0799 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 34.2067, 24.6651, 38.0799 by changing the saturation by 10% instead.

 34.2067, 24.6651,
38.0799


 34.2067, 24.6651,
38.0799


312.6225,
276.1660, 353.2711


 23.2161, 15.8277,
25.7424


 65.5971, 51.1134,
73.4354


 14.8747, 9.4023,
16.4070


 86.7277, 69.4931,
97.2904

 8.8172, 5.0045,
9.6551


 111.9689, 91.8224,
125.8217

 4.6783, 2.2499,
5.0683

 141.6861,
118.4856, 159.4478

 2.0926, 0.7470,
2.2280

176.2447,
149.8672, 198.5873

 0.6852, 0.0000,
0.6904

216.0101,

 0.0000, 0.0000,

186.3515, 243.6586

0.0000

261.3475,
228.3230, 295.0803

■ 34.2067, 24.6651,
38.0799

■ 34.2067, 24.6651,
38.0799

■ 31.8181, 20.8292,
34.3809

■ 37.0823, 29.4235,
42.0985

■ 29.8830, 17.8506,
30.9873

■ 40.4710, 35.1568,
46.4471

■ 28.3672, 15.6613,
27.8855


■ 44.3997, 41.9175,
51.1371


■ 27.2303, 14.1812,
25.0595

■ 48.8925, 49.7536,
56.1788


■ 26.4232, 13.3131,
22.4904


■ 53.9723, 58.7097,
61.5820

 26.0856, 13.0044,
21.2482

 59.6605, 68.8282,
67.3561

 65.9775, 80.1490,
73.5099

 70.6006, 88.0263,
79.2712

 71.4915, 88.3827,
83.9627

Harmonies

Analogous

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



30.4895, 24.6651, 55.6216



34.2067, 24.6651, 38.0799



34.8171, 24.6651, 22.2445

Triad

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



34.2067, 24.6651, 38.0799



21.7724, 24.6651, 7.2969



16.5341, 24.6651, 49.8380

Complementary

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



34.2067, 24.6651, 38.0799



29.8717, 43.5163, 30.4940

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.



14.8633, 24.6651, 32.0647



34.2067, 24.6651, 38.0799



17.5763, 24.6651, 10.2479

Square

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



34.2067, 24.6651, 38.0799



27.0904, 24.6651, 7.8784



15.2141, 24.6651, 18.0877



20.1394, 24.6651, 63.9763

Rectangle

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



34.2067, 24.6651, 38.0799



33.2993, 24.6651, 14.9328



15.2141, 24.6651, 18.0877



15.7538, 24.6651, 43.8674

Sweetspot

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



34.2075, 24.6663, 38.0804



81.7017, 78.1315, 94.0978



25.1499, 19.6461, 53.5059



17.5137, 16.4542, 20.1706



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.



34.2075, 24.6663, 38.0804



57.6407, 37.7287, 62.2805



30.9888, 23.3788, 21.1310



10.3450, 10.1866, 11.9071



17.1902, 8.5658, 14.1795



0.7741, 0.3827, 0.7780

Inverse Universe

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



34.2075, 24.6663, 38.0804



57.6407, 37.7287, 62.2805



33.5435, 44.9850, 49.8293



10.3450, 10.1866, 11.9071



17.1902, 8.5658, 14.1795



0.7741, 0.3827, 0.7780

Previews

White Background



This preview shows how the XYZ color 34.2067, 24.6651, 38.0799 looks on a white background.

Color Contrast Check

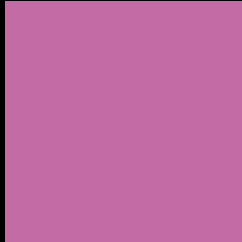
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2067, 24.6651, 38.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

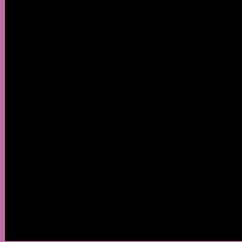
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2067, 24.6651, 38.0799

Background



This preview shows how black text looks on a background with the XYZ color 34.2067, 24.6651, 38.0799.



This preview shows how white text looks on a background with the XYZ color 34.2067, 24.6651,

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

34.2067, 24.6651, 38.0799

Protanopia

25.4841, 24.9996, 48.8296

Deuteranopia

25.2930, 24.7672, 36.2484



Tritanopia

31.0040, 24.6639, 22.1953

Trichromacy



Original Color

34.2067, 24.6651, 38.0799

Protanomaly

27.6639, 24.2311, 44.8140

Deuteranomaly

27.9387, 24.3594, 36.9475

Tritanomaly

31.9402, 24.5288, 27.4772

Monochromacy



Original Color

34.2067, 24.6651, 38.0799

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.6412, 25.0819, 31.8182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2067, 24.6651, 38.0799 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, 107, 164)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 164)  
}
```

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, 107, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.2067, 24.6651, 38.0799 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, 107, 164) }
```


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

```
.border{ border-color:rgb(194, 107, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 164);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2067, 24.6651, 38.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 164) }
```

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

```
.background{ background-color: rgb(194,  
107, 164) }
```

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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