

Converting Colors

XYZ(34.0819, 22.2063, 34.5695)

Have a look what the booklet for
XYZ(34.0819, 22.2063, 34.5695)
contains.

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Color

**XYZ(34.0153, 22.1356,
34.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	CA599D
RGB	202, 89, 157
RGB Percent	79%, 35%, 62%
CMY	0.2078, 0.6510, 0.3843
CMYK	0.00, 0.56, 0.22, 0.21
HSL	324°, 52%, 57%
HSV	324°, 56%, 79%
XYZ	34.0153, 22.1356, 34.3781
YIQ	130.5390, 45.5200, 45.1040

Conversions

Conversions Part 2

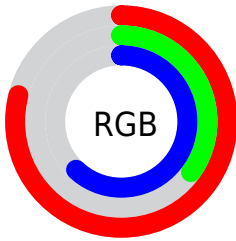
Format	Color
R_{YB}	202, 89, 157
Decimal	13261213
CIE _{Lab}	54.17, 52.53, -15.20
CIE _{LCh}	54, 54.686, 343.858
Yxy	22.1356, 0.3757, 0.2445
Android (android.graphics.Color)	4291451293 (0xFFCA599D)
YUV	130.5390, 13.0453, 62.6713
Hunter-Lab	47.0485, 46.7178, -10.3890

Details

The XYZ color **34.0153, 22.1356, 34.3781** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **29.5445, 46.0868, 29.8948**, and the grayscale version is **21.3537, 22.4658, 24.4652**.

A 20% lighter version of the original color is **62.9461, 45.6584, 67.7827**, and **14.7951, 8.0934, 14.4181** is the 20% darker color. If you saturate the color by 10%, you get **31.8947, 18.9575, 30.3935**, and if you desaturate by 10%, it is **36.6435, 26.2561, 38.7555**.

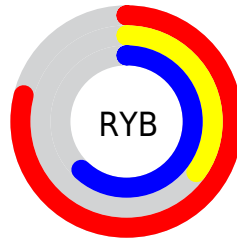
Distribution



Red (79%)

Green (35%)

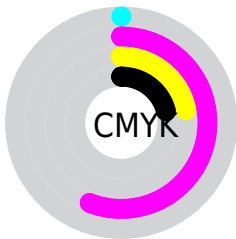
Blue (62%)



Red (79%)

Yellow (35%)

Blue (62%)

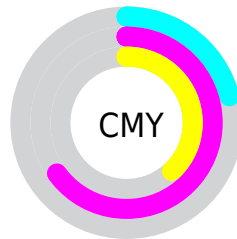


Cyan (0%)

Magenta (56%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (65%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0153, 22.1356, 34.3781 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 34.0153, 22.1356, 34.3781 by changing the saturation by 10% instead.

 34.0153, 22.1356,
34.3781


 34.0153, 22.1356,
34.3781


311.7850,
263.2536, 336.6352

 23.0683, 13.9566,
22.9045

 65.3016, 46.9700,
67.6618


 14.7649, 8.0905,
14.3184


 86.3716, 64.3942,
90.3090

 8.7398, 4.1529,
8.2012


 111.5466, 85.6689,
117.5179

 4.6276, 1.7595,
4.1343

 141.1921,
111.1784, 149.7068

 2.0630, 0.4617,
1.6993

175.6733,
141.3073, 187.2945

 0.6690, 0.0000,
0.3603

215.3556,

 0.0000, 0.0000,

176.4398, 230.6995

0.0000

260.6044,
216.9605, 280.3402

■ 34.0153, 22.1356,
34.3781

■ 34.0153, 22.1356,
34.3781

■ 31.8947, 18.9575,
30.3935

■ 36.6435, 26.2561,
38.7555

■ 30.2403, 16.6409,
26.7829

■ 39.8126, 31.3849,
43.5403

■ 29.0066, 15.0963,
23.5271

■ 43.5551, 37.5855,
48.7476

■ 28.1366, 14.2109,
20.6025

■ 47.9004, 44.9153,
54.3910

■ 27.8425, 13.9507,
19.4932

■ 52.8757, 53.4276,
60.4836

■ 58.5067, 63.1724,
67.0375

■ 64.8173, 74.1966,
74.0644

■ 71.8304, 86.5448,
81.5756

■ 74.3164, 89.7563,
87.8314

Harmonies

Analogous

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



29.9782, 22.1356, 56.1836



34.0153, 22.1356, 34.3781



34.1777, 22.1356, 17.0907

Triad

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



34.0153, 22.1356, 34.3781



18.4225, 22.1356, 4.2587



13.8367, 22.1356, 54.5795

Complementary

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



34.0153, 22.1356, 34.3781



29.5445, 46.0868, 29.8948

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.



11.7906, 22.1356, 32.8081



34.0153, 22.1356, 34.3781



14.0814, 22.1356, 7.3820

Square

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



34.0153, 22.1356, 34.3781



24.3741, 22.1356, 4.3658



11.8708, 22.1356, 16.1095



18.0233, 22.1356, 71.1003

Rectangle

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



34.0153, 22.1356, 34.3781



32.0100, 22.1356, 10.0937



11.8708, 22.1356, 16.1095



12.9142, 22.1356, 47.2812

Sweetspot

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



34.0160, 22.1367, 34.3785



80.0899, 74.3297, 90.8115



23.7995, 16.3414, 57.7773



16.8096, 15.3457, 19.0121



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.



34.0160, 22.1367, 34.3785



53.3873, 31.2101, 50.2012



30.3378, 20.6654, 15.0093



11.4910, 11.3251, 13.1202



17.9612, 8.9951, 12.7804



0.9634, 0.4788, 0.8531

Inverse Universe

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



34.0160, 22.1367, 34.3785



53.3873, 31.2101, 50.2012



34.4066, 48.0316, 55.4981



11.4910, 11.3251, 13.1202



17.9612, 8.9951, 12.7804



0.9634, 0.4788, 0.8531

Previews

White Background



This preview shows how the XYZ color 34.0153, 22.1356, 34.3781 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 34.0153, 22.1356, 34.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

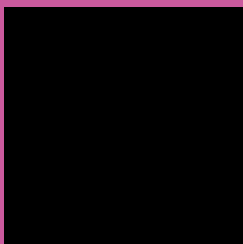
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0153, 22.1356, 34.3781

Background



This preview shows how black text looks on a background with the XYZ color 34.0153, 22.1356, 34.3781.



This preview shows how white text looks on a background with the XYZ color 34.0153, 22.1356,

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

34.0153, 22.1356, 34.3781

Protanopia

23.1582, 22.3859, 48.9993

Deuteranopia

22.8482, 22.3997, 32.3975



Tritanopia

30.2370, 22.0462, 16.5716

Trichromacy



Original Color

34.0153, 22.1356, 34.3781



Protanomaly

25.4322, 21.1495, 43.2993



Deuteranomaly

25.7554, 21.3793, 32.9061



Tritanomaly

31.4377, 21.9885, 21.9893

Monochromacy



Original Color

34.0153, 22.1356, 34.3781



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

24.8836, 21.5523, 27.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0153, 22.1356, 34.3781 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(202, 89, 157)` looks like.

```
.text, #text, p{  
    color:rgb(202, 89, 157)  
}
```

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(202, 89, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 89, 157) }
```

Border

The CSS property to change the border of an element to XYZ 34.0153, 22.1356, 34.3781 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(202, 89, 157) }
```


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

```
.border{ border-color:rgb(202, 89, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 89, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 89, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 89, 157);  
box-shadow:4px 4px 4px 4px rgb(202, 89,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0153, 22.1356, 34.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 89, 157) }
```

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

```
.background{ background-color: rgb(202, 89,  
157) }
```

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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