

Converting Colors

XYZ(34.2704, 21.1459, 32.1470)

Have a look what the booklet for
XYZ(34.2704, 21.1459, 32.1470)
contains.

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Color

**XYZ(34.1956, 21.1244,
31.9809)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF4F98 |
| RGB | 207, 79, 152 |
| RGB Percent | 81%, 31%, 60% |
| CMY | 0.1882, 0.6902, 0.4039 |
| CMYK | 0.00, 0.62, 0.27, 0.19 |
| HSL | 326°, 57%, 56% |
| HSV | 326°, 62%, 81% |
| XYZ | 34.1956, 21.1244, 31.9809 |
| YIQ | 125.5940, 52.8550, 49.8390 |

Conversions

Conversions Part 2

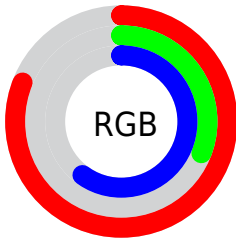
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 207, 79, 152 |
| Decimal | 13586328 |
| CIE _{Lab} | 53.09, 57.83, -13.83 |
| CIE _{LCh} | 53, 59.465, 346.549 |
| Yxy | 21.1244, 0.3917, 0.2420 |
| Android (android.graphics.Color) | 4291776408 (0xFFCF4F98) |
| YUV | 125.5940, 13.0182, 71.3931 |
| Hunter-Lab | 45.9613, 52.3733, -9.0824 |

Details

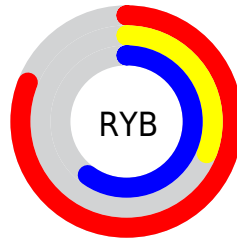
The XYZ color **34.1956, 21.1244, 31.9809** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **29.8415, 48.0097, 30.2508**, and the grayscale version is **19.6393, 20.6620, 22.5010**.

A 20% lighter version of the original color is **61.0446, 43.0442, 63.4835**, and **14.8631, 7.5685, 12.9894** is the 20% darker color. If you saturate the color by 10%, you get **32.2267, 18.3090, 27.8640**, and if you desaturate by 10%, it is **36.6851, 24.8933, 36.5413**.

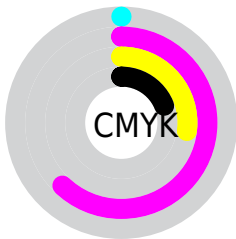
Distribution



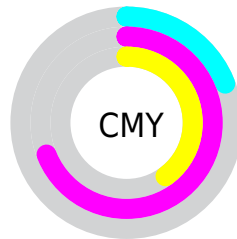
- Red (81%)
- Green (31%)
- Blue (60%)



- Red (81%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (62%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1956, 21.1244, 31.9809 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 34.1956, 21.1244, 31.9809 by changing the saturation by 10% instead.

 34.1956, 21.1244,
31.9809


 34.1956, 21.1244,
31.9809


312.5739,
257.9389, 325.5223

 23.2075, 13.2150,
21.0822


 65.5800, 45.2945,
63.8787


 14.8683, 7.5767,
12.9923


 86.7070, 62.3239,
85.7149


 8.8127, 3.8253,
7.2926


 111.9444, 83.1621,
112.0340

 4.6754, 1.5763,
3.5645

 141.6575,
108.1935, 143.2546

 2.0909, 0.3416,
1.3896

 176.2116,
137.8025, 179.7952

 0.6842, 0.0000,
0.1336

215.9721,

 0.0000, 0.0000,

172.3735, 222.0743

0.0000

261.3045,
212.2908, 270.5105

■ 34.1956, 21.1244,
31.9809

■ 34.1956, 21.1244,
31.9809

■ 32.2267, 18.3090,
27.8640

■ 36.6851, 24.8933,
36.5413

■ 30.7306, 16.3538,
24.1683

■ 39.7336, 29.6909,
41.5631

■ 29.6531, 15.1522,
20.8697

■ 43.3778, 35.5888,
47.0643

■ 29.0052, 14.5746,
18.4397

■ 47.6505, 42.6511,
53.0612

■ 52.5823, 50.9368,
59.5691

■ 58.2014, 60.5011,
66.6027

■ 64.5345, 71.3957,
74.1756

■ 71.6069, 83.6694,
82.3012

■ 76.0655, 90.6148,
89.8665

Harmonies

Analogous

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



30.1373, 21.1244, 55.7576



34.1956, 21.1244, 31.9809



33.9562, 21.1244, 14.5181

Triad

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



34.1956, 21.1244, 31.9809



16.8433, 21.1244, 3.2612



12.8898, 21.1244, 58.1673

Complementary

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



34.1956, 21.1244, 31.9809



29.8415, 48.0097, 30.2508

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.



10.6143, 21.1244, 34.2741



34.1956, 21.1244, 31.9809



12.5507, 21.1244, 6.5127

Square

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



34.1956, 21.1244, 31.9809



23.0081, 21.1244, 3.1319



10.5046, 21.1244, 15.8821



17.4080, 21.1244, 75.4041

Rectangle

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



34.1956, 21.1244, 31.9809



31.3742, 21.1244, 7.9811



10.5046, 21.1244, 15.8821



11.8824, 21.1244, 50.2182

Sweetspot

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



34.1962, 21.1255, 31.9813



78.3212, 71.6188, 87.6739



23.6277, 15.0308, 60.6875



16.2998, 14.5541, 18.1393



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.



34.1962, 21.1255, 31.9813



50.8374, 28.2442, 42.7727



30.3603, 19.5911, 11.7814



12.0872, 11.9196, 13.7348



18.3228, 9.2020, 11.8719



1.0638, 0.5303, 0.8710

Inverse Universe

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



34.1962, 21.1255, 31.9813



50.8374, 28.2442, 42.7727



35.5398, 50.2891, 60.2578



12.0872, 11.9196, 13.7348



18.3228, 9.2020, 11.8719



1.0638, 0.5303, 0.8710

Previews

White Background



This preview shows how the XYZ color 34.1956, 21.1244, 31.9809 looks on a white background.

Color Contrast Check

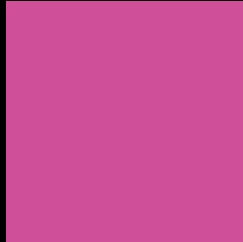
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1956, 21.1244, 31.9809 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 34.1956, 21.1244, 31.9809

Background



This preview shows how black text looks on a background with the XYZ color 34.1956, 21.1244, 31.9809.



This preview shows how white text looks on a background with the XYZ color 34.1956, 21.1244,

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

34.1956, 21.1244, 31.9809

Protanopia

22.2749, 21.3582, 48.8475

Deuteranopia

21.6786, 21.2849, 29.7539



Tritanopia

30.3889, 21.0927, 14.0249

Trichromacy



Original Color

34.1956, 21.1244, 31.9809

Protanomaly

24.4070, 19.6715, 42.0458

Deuteranomaly

25.0059, 20.2342, 30.6046

Tritanomaly

31.5800, 20.9618, 19.5211

Monochromacy



Original Color

34.1956, 21.1244, 31.9809

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.3594, 19.6551, 25.4843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1956, 21.1244, 31.9809 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(207, 79, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 79, 152)  
}
```

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(207, 79, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 79, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.1956, 21.1244, 31.9809 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(207, 79, 152) }
```


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

```
.border{ border-color:rgb(207, 79, 152) }
```

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

Here you see how a box with a 4 pixel rgb(207, 79, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 79, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 79, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 79,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1956, 21.1244, 31.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 79, 152) }
```

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

```
.background{ background-color: rgb(207, 79,  
152) }
```

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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