

Converting Colors

XYZ(32.1961, 16.6455, 32.2598)

Have a look what the booklet for
XYZ(32.1961, 16.6455, 32.2598)
contains.

XYZ(32.0548, 16.5785, 32.0823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0548, 16.5785,
32.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1F9A
RGB	207, 31, 154
RGB Percent	81%, 12%, 60%
CMY	0.1882, 0.8784, 0.3961
CMYK	0.00, 0.85, 0.26, 0.19
HSL	318°, 74%, 47%
HSV	318°, 85%, 81%
XYZ	32.0548, 16.5785, 32.0823
YIQ	97.6460, 65.4130, 75.5650

Conversions

Conversions Part 2

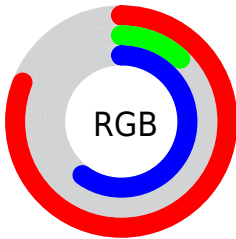
Format	Color
R_{YB}	207, 31, 154
Decimal	13574042
CIE _{Lab}	47.72, 73.36, -23.22
CIE _{LCh}	48, 76.945, 342.439
Yxy	16.5785, 0.3971, 0.2054
Android (android.graphics.Color)	4291764122 (0xFFCF1F9A)
YUV	97.6460, 27.7825, 95.9035
Hunter-Lab	40.7167, 69.2724, -18.2152

Details

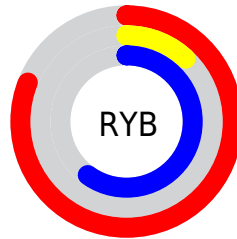
The XYZ color **32.0548, 16.5785, 32.0823** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.4793, 45.5576, 15.8943**, and the grayscale version is **11.4459, 12.0419, 13.1137**.

A 20% lighter version of the original color is **57.3058, 34.9778, 64.0526**, and **14.6609, 7.2752, 13.4635** is the 20% darker color. If you saturate the color by 10%, you get **31.1709, 15.6201, 29.2921**, and if you desaturate by 10%, it is **33.3132, 18.2425, 35.1306**.

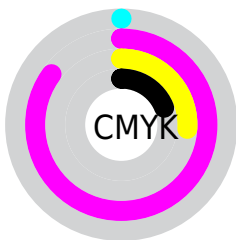
Distribution



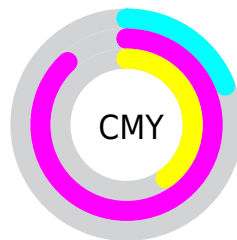
- Red (81%)
- Green (12%)
- Blue (60%)



- Red (81%)
- Yellow (12%)
- Blue (60%)



- Cyan (0%)
- Magenta (85%)
- Yellow (26%)
- Black (19%)





- Cyan (19%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0548, 16.5785, 32.0823 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 32.0548, 16.5785, 32.0823 by changing the saturation by 10% instead.

 32.0548, 16.5785,
32.0823


 32.0548, 16.5785,
32.0823

303.1097,
232.7315, 325.9983


 21.5591, 9.9344,
21.1590


 62.2616, 37.5996,
64.0395


 13.6481, 5.3555,
13.0479


 82.7034, 52.7455,
85.9105


 7.9564, 2.4573,
7.3304


 107.1913, 71.4941,
112.2678

 4.1186, 0.8551,
3.5880

 136.0907, 94.2298,
143.5300

 1.7695, 0.0000,
1.4022

 169.7668,
121.3370, 180.1156

 0.4992, 0.0000,
0.1434

 208.5852,

 0.0000, 0.0000,

153.2001, 222.4432

0.0000

252.9110,
190.2035, 270.9312

■ 32.0548, 16.5785,
32.0823

■ 32.0548, 16.5785,
32.0823

■ 31.1709, 15.6201,
29.2921

■ 33.3132, 18.2425,
35.1306

■ 30.8167, 15.2992,
27.9792

■ 35.0026, 20.7247,
38.4575

■ 37.1709, 24.1203,
42.0810

■ 39.8591, 28.5110,
46.0166

■ 43.1039, 33.9690,
50.2784

■ 46.9383, 40.5599,
54.8791

■ 51.3927, 48.3442,
59.8307

■ 56.4955, 57.3779,
65.1444

■ 62.2731, 67.7134,
70.8307

Harmonies

Analogous

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



26.4891, 16.5785, 62.9979



32.0548, 16.5785, 32.0823



32.5491, 16.5785, 11.0524

Triad

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



32.0548, 16.5785, 32.0823



13.0736, 16.5785, 0.4995



7.8657, 16.5785, 57.6432

Complementary

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



32.0548, 16.5785, 32.0823



24.4793, 45.5576, 15.8943

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.



6.0407, 16.5785, 27.5146



32.0548, 16.5785, 32.0823



8.4041, 16.5785, 2.0360

Square

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



32.0548, 16.5785, 32.0823



20.1001, 16.5785, 0.6239



6.2038, 16.5785, 8.8559



12.0900, 16.5785, 83.7248

Rectangle

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



32.0548, 16.5785, 32.0823



29.7840, 16.5785, 4.3931



6.2038, 16.5785, 8.8559



7.0153, 16.5785, 46.9935

Sweetspot

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



32.0553, 16.5794, 32.0826



74.3733, 63.5263, 86.9640



15.3923, 7.3620, 59.6413



15.4437, 12.7774, 18.0525



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.



32.0553, 16.5794, 32.0826



49.2963, 24.4825, 44.3538



27.2123, 14.6422, 6.5793



12.1528, 11.9459, 14.0805



19.4595, 9.6566, 17.8578



1.1223, 0.5536, 1.1787

Inverse Universe

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



32.0553, 16.5794, 32.0826



49.2963, 24.4825, 44.3538



30.3060, 47.8883, 46.5769



12.1528, 11.9459, 14.0805



19.4595, 9.6566, 17.8578



1.1223, 0.5536, 1.1787

Previews

White Background



This preview shows how the XYZ color 32.0548, 16.5785, 32.0823 looks on a white 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

Black Background



This preview shows how the XYZ color 32.0548, 16.5785, 32.0823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

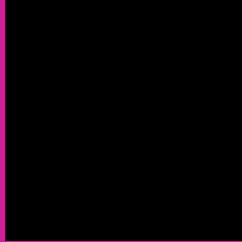
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.0548, 16.5785, 32.0823

Background



This preview shows how black text looks on a background with the XYZ color 32.0548, 16.5785, 32.0823.



This preview shows how white text looks on a background with the XYZ color 32.0548, 16.5785,

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

32.0548, 16.5785, 32.0823

Protanopia

19.6191, 17.1651, 65.2299

Deuteranopia

17.2117, 16.8839, 29.1398



Tritanopia

26.8418, 16.6055, 7.4207

Trichromacy



Original Color

32.0548, 16.5785, 32.0823



Protanomaly

19.4712, 13.4178, 51.4328



Deuteranomaly

20.1156, 14.3444, 29.7255



Tritanomaly

28.2020, 16.1628, 13.6899

Monochromacy



Original Color

32.0548, 16.5785, 32.0823



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

16.2000, 11.6088, 18.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0548, 16.5785, 32.0823 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, 31, 154)` looks like.

```
.text, #text, p{  
    color:rgb(207, 31, 154)  
}
```

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, 31, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 31, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.0548, 16.5785, 32.0823 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, 31, 154) }
```


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

```
.border{ border-color:rgb(207, 31, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 31, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 31, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 31, 154);  
box-shadow:4px 4px 4px 4px rgb(207, 31,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0548, 16.5785, 32.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 31, 154) }
```

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

```
.background{ background-color: rgb(207, 31,  
154) }
```

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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