

Converting Colors

XYZ(32.5802, 16.0729, 34.1829)

Have a look what the booklet for
XYZ(32.5802, 16.0729, 34.1829)
contains.

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Color

**XYZ(32.5525, 16.0585,
34.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	D1009F
RGB	209, 0, 159
RGB Percent	82%, 0%, 62%
CMY	0.1804, 0.9999, 0.3765
CMYK	0.00, 1.00, 0.24, 0.18
HSL	314°, 100%, 41%
HSV	314°, 100%, 82%
XYZ	32.5525, 16.0585, 34.1848
YIQ	80.6170, 73.5250, 93.7570

Conversions

Conversions Part 2

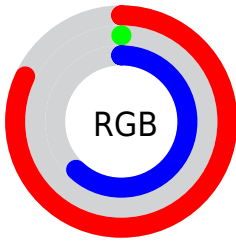
Format	Color
R_{YB}	209, 0, 159
Decimal	13697183
CIE _{Lab}	47.05, 78.05, -27.22
CIE _{LCh}	47, 82.665, 340.773
Yxy	16.0585, 0.3932, 0.1940
Android (android.graphics.Color)	4291887263 (0xFFD1009F)
YUV	80.6170, 38.6428, 112.5919
Hunter-Lab	40.0731, 74.8728, -22.5269

Details

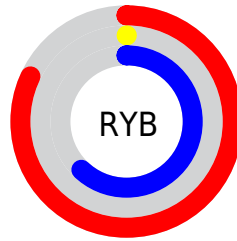
The XYZ color **32.5525, 16.0585, 34.1848** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **23.3775, 45.8320, 10.6360**, and the grayscale version is **7.6661, 8.0653, 8.7831**.

A 20% lighter version of the original color is **57.1187, 33.5972, 67.0928**, and **15.0483, 7.4511, 14.5550** is the 20% darker color. If you saturate the color by 10%, you get **32.5519, 16.0583, 34.1810**, and if you desaturate by 10%, it is **33.2625, 16.7697, 36.6063**.

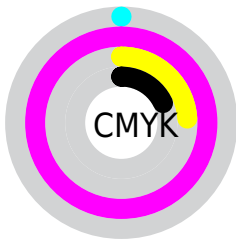
Distribution



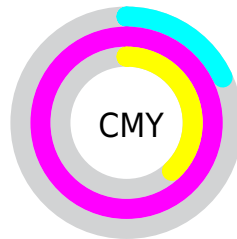
- Red (82%)
- Green (0%)
- Blue (62%)



- Red (82%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5525, 16.0585, 34.1848 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 32.5525, 16.0585, 34.1848 by changing the saturation by 10% instead.

 32.5525, 16.0585,
34.1848


 32.5525, 16.0585,
34.1848


305.3292,
229.6867, 335.7496


 21.9414, 9.5656,
22.7571


 63.0356, 36.6997,
67.3581


 13.9302, 5.1119,
14.2106


 83.6384, 51.6168,
89.9408


 8.1535, 2.3131,
8.1269


 108.3024, 70.1107,
117.0789

 4.2460, 0.7806,
4.0873

 137.3931, 92.5659,
149.1910

 1.8422, 0.0000,
1.6734

 171.2757,
119.3667, 186.6955

 0.5429, 0.0000,
0.3424

 210.3157,

 0.0000, 0.0000,

150.8974, 230.0111

0.0000

254.8784,
187.5427, 279.5563

■ 32.5525, 16.0585,
34.1848

■ 32.5525, 16.0585,
34.1848

■ 32.5519, 16.0583,
34.1810

■ 33.2625, 16.7697,
36.6063

■ 34.2784, 18.0643,
39.2172

■ 35.6978, 20.1373,
42.0513

■ 37.5738, 23.0945,
45.1272

■ 39.9513, 27.0251,
48.4607

■ 42.8695, 32.0076,
52.0659

■ 46.3637, 38.1122,
55.9555

■ 50.4663, 45.4033,
60.1411

■ 55.2070, 53.9400,
64.6336

Harmonies

Analogous

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



26.2852, 16.0585, 68.4273



32.5525, 16.0585, 34.1848



33.4410, 16.0585, 11.0389

Triad

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



32.5525, 16.0585, 34.1848



12.8050, 16.0585, 0.0000



6.9586, 16.0585, 58.6117

Complementary

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



32.5525, 16.0585, 34.1848



23.3775, 45.8320, 10.6360

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.



5.2620, 16.0585, 26.0505



32.5525, 16.0585, 34.1848



7.8546, 16.0585, 1.3340

Square

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



32.5525, 16.0585, 34.1848



20.3245, 16.0585, 0.2146



5.5277, 16.0585, 7.3641



11.1206, 16.0585, 88.6625

Rectangle

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



32.5525, 16.0585, 34.1848



30.6298, 16.0585, 3.9872



5.5277, 16.0585, 7.3641



6.1514, 16.0585, 46.8626

Sweetspot

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



32.5530, 16.0594, 34.1851



72.5017, 59.3968, 87.5311



12.7658, 5.2521, 60.6628



14.9968, 11.7980, 18.1680



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.



32.5530, 16.0594, 34.1851



50.9759, 25.1544, 53.1985



27.0029, 13.8393, 4.9587



12.1848, 11.9587, 14.2490



20.1107, 9.9171, 21.2867



1.1543, 0.5664, 1.3474

Inverse Universe

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



32.5530, 16.0594, 34.1851



50.9759, 25.1544, 53.1985



28.5737, 47.9104, 37.9985



12.1848, 11.9587, 14.2490



20.1107, 9.9171, 21.2867



1.1543, 0.5664, 1.3474

Previews

White Background



This preview shows how the XYZ color 32.5525, 16.0585, 34.1848 looks on a white background.

Color Contrast Check

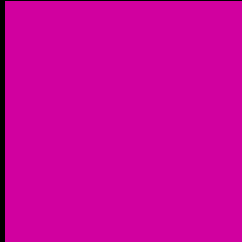
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5525, 16.0585, 34.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

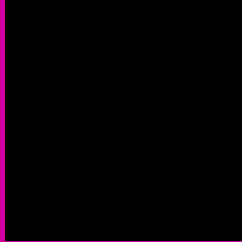
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.5525, 16.0585, 34.1848

Background



This preview shows how black text looks on a background with the XYZ color 32.5525, 16.0585, 34.1848.



This preview shows how white text looks on a background with the XYZ color 32.5525, 16.0585,

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

32.5525, 16.0585, 34.1848

Protanopia

20.1027, 17.0549, 74.1839

Deuteranopia

17.0447, 16.7615, 30.7707



Tritanopia

27.1180, 16.5049, 6.9107

Trichromacy



Original Color

32.5525, 16.0585, 34.1848



Protanomaly

18.1064, 11.3539, 57.1143



Deuteranomaly

19.3307, 12.6460, 31.5591



Tritanomaly

28.2359, 15.4168, 13.5441

Monochromacy



Original Color

32.5525, 16.0585, 34.1848



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

12.8904, 8.1493, 15.3616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5525, 16.0585, 34.1848 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(209, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 159)  
}
```

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(209, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.5525, 16.0585, 34.1848 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(209, 0, 159) }
```


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

```
.border{ border-color:rgb(209, 0, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5525, 16.0585, 34.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 159) }
```

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

```
.background{ background-color: rgb(209, 0,  
159) }
```

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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