

Converting Colors

XYZ(32.3474, 16.7308, 30.9034)

Have a look what the booklet for
XYZ(32.3474, 16.7308, 30.9034)
contains.

XYZ(32.3447, 16.7182, 30.8003)	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(32.3447, 16.7182,
30.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	D11E97
RGB	209, 30, 151
RGB Percent	82%, 12%, 59%
CMY	0.1804, 0.8823, 0.4078
CMYK	0.00, 0.86, 0.28, 0.18
HSL	319°, 75%, 47%
HSV	319°, 86%, 82%
XYZ	32.3447, 16.7182, 30.8003
YIQ	97.3150, 67.8430, 75.5790

Conversions

Conversions Part 2

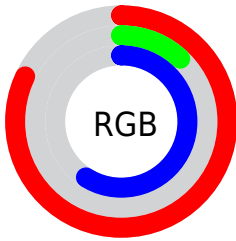
Format	Color
R_{YB}	209, 30, 151
Decimal	13704855
CIE _{Lab}	47.90, 73.64, -21.11
CIE _{LCh}	48, 76.603, 344.002
Yxy	16.7182, 0.4050, 0.2093
Android (android.graphics.Color)	4291894935 (0xFFD11E97)
YUV	97.3150, 26.4667, 97.9477
Hunter-Lab	40.8879, 69.6500, -16.0408

Details

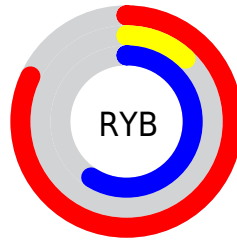
The XYZ color **32.3447, 16.7182, 30.8003** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **25.0986, 46.5823, 16.9045**, and the grayscale version is **11.3669, 11.9589, 13.0232**.

A 20% lighter version of the original color is **56.8166, 34.7821, 61.4767**, and **14.6947, 7.3097, 12.6930** is the 20% darker color. If you saturate the color by 10%, you get **31.4450, 15.7738, 27.8642**, and if you desaturate by 10%, it is **33.6268, 18.3765, 34.0201**.

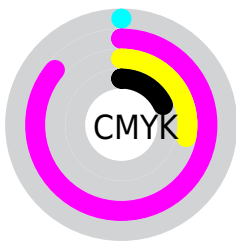
Distribution



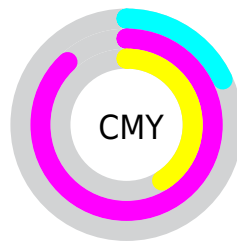
- Red (82%)
- Green (12%)
- Blue (59%)



- Red (82%)
- Yellow (12%)
- Blue (59%)



- Cyan (0%)
- Magenta (86%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (88%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3447, 16.7182, 30.8003 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 32.3447, 16.7182, 30.8003 by changing the saturation by 10% instead.


 32.3447, 16.7182,
30.8003


 32.3447, 16.7182,
30.8003


304.4040,
233.5432, 319.9399


 21.7817, 10.0338,
20.1896


 62.7126, 37.8406,
62.0014


 13.8123, 5.4214,
12.3475


 83.2483, 53.0474,
83.4289


 8.0711, 2.4965,
6.8554

 107.8390, 71.8638,
109.2992

 4.1926, 0.8749,
3.2948

 136.8499, 94.6741,
140.0307

 1.8117, 0.0000,
1.2470

 170.6465,
121.8629, 176.0420

 0.5247, 0.0000,
0.0178

 209.5942,

 0.0000, 0.0000,

153.8143, 217.7516

0.0000

254.0582,
190.9130, 265.5780

■ 32.3447, 16.7182,
30.8003

■ 32.3447, 16.7182,
30.8003

■ 31.4450, 15.7738,
27.8642

■ 33.6268, 18.3765,
34.0201

■ 31.1227, 15.4866,
26.6550

■ 35.3503, 20.8664,
37.5453

■ 37.5652, 24.2868,
41.3953

■ 40.3137, 28.7216,
45.5865

■ 43.6338, 34.2456,
50.1339

■ 47.5595, 40.9265,
55.0511

■ 52.1223, 48.8263,
60.3511

■ 57.3514, 58.0027,
66.0456

■ 63.2741, 68.5097,
72.1460

Harmonies

Analogous

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



26.9938, 16.7182, 61.4497



32.3447, 16.7182, 30.8003



32.5370, 16.7182, 10.4752

Triad

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



32.3447, 16.7182, 30.8003



12.8934, 16.7182, 0.5778



8.1344, 16.7182, 59.3700

Complementary

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



32.3447, 16.7182, 30.8003



25.0986, 46.5823, 16.9045

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.



6.1855, 16.7182, 29.0224



32.3447, 16.7182, 30.8003



8.3451, 16.7182, 2.2739

Square

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



32.3447, 16.7182, 30.8003



19.8310, 16.7182, 0.6261



6.2495, 16.7182, 9.6163



12.5093, 16.7182, 84.5285

Rectangle

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



32.3447, 16.7182, 30.8003



29.6094, 16.7182, 4.1560



6.2495, 16.7182, 9.6163



7.2387, 16.7182, 48.7618

Sweetspot

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



32.3452, 16.7191, 30.8006



74.1549, 63.4389, 85.8139



15.8754, 7.5444, 60.9414



15.3915, 12.7566, 17.7779



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.



32.3452, 16.7191, 30.8006



48.7217, 24.2527, 41.3280



27.6517, 14.8417, 6.0850



12.1410, 11.9412, 14.0186



19.2361, 9.5673, 16.6815



1.1111, 0.5492, 1.1198

Inverse Universe

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



32.3452, 16.7191, 30.8006



48.7217, 24.2527, 41.3280



31.1914, 49.0194, 48.9889



12.1410, 11.9412, 14.0186



19.2361, 9.5673, 16.6815



1.1111, 0.5492, 1.1198

Previews

White Background



This preview shows how the XYZ color 32.3447, 16.7182, 30.8003 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 32.3447, 16.7182, 30.8003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

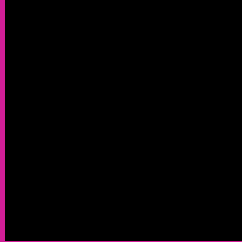
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.3447, 16.7182, 30.8003

Background



This preview shows how black text looks on a background with the XYZ color 32.3447, 16.7182, 30.8003.



This preview shows how white text looks on a background with the XYZ color 32.3447, 16.7182,

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

32.3447, 16.7182, 30.8003

Protanopia

19.5496, 17.3500, 62.6401

Deuteranopia

17.3587, 16.9861, 27.9549



Tritanopia

27.5054, 16.7807, 7.2581

Trichromacy



Original Color

32.3447, 16.7182, 30.8003



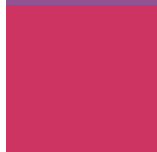
Protanomaly

19.5656, 13.5170, 49.1548



Deuteranomaly

20.1607, 14.2820, 28.4822



Tritanomaly

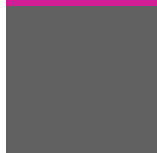
28.6094, 16.3170, 13.1969

Monochromacy



Original Color

32.3447, 16.7182, 30.8003



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

16.0747, 11.4527, 18.1930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3447, 16.7182, 30.8003 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, 30, 151)` looks like.

```
.text, #text, p{  
    color:rgb(209, 30, 151)  
}
```

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, 30, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 30, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.3447, 16.7182, 30.8003 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, 30, 151) }
```


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

```
.border{ border-color:rgb(209, 30, 151) }
```

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

Here you see how a box with a 4 pixel rgb(209, 30, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 30, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 30, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 30,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3447, 16.7182, 30.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 30, 151) }
```

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

```
.background{ background-color: rgb(209, 30,  
151) }
```

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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