

Converting Colors

XYZ(32.5277, 16.2213, 26.2491)

Have a look what the booklet for
XYZ(32.5277, 16.2213, 26.2491)
contains.

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Color

**XYZ(32.4652, 16.1896,
26.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	D6008C
RGB	214, 0, 140
RGB Percent	84%, 0%, 55%
CMY	0.1608, 0.9998, 0.4510
CMYK	0.00, 1.00, 0.35, 0.16
HSL	321°, 100%, 42%
HSV	321°, 100%, 84%
XYZ	32.4652, 16.1896, 26.2247
YIQ	79.9460, 82.6040, 88.9080

Conversions

Conversions Part 2

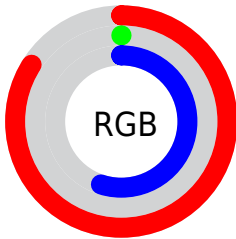
Format	Color
R_{YB}	214, 0, 140
Decimal	14024844
CIE _{Lab}	47.22, 77.00, -15.43
CIE _{LCh}	47, 78.534, 348.667
Yxy	16.1896, 0.4336, 0.2162
Android (android.graphics.Color)	4292214924 (0xFFD6008C)
YUV	79.9460, 29.6066, 117.5654
Hunter-Lab	40.2363, 73.6116, -10.4779

Details

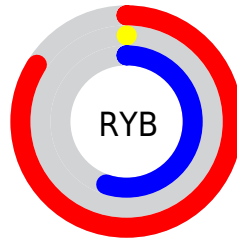
The XYZ color **32.4652, 16.1896, 26.2247** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **25.2845, 48.5885, 14.5317**, and the grayscale version is **7.5520, 7.9453, 8.6524**.

A 20% lighter version of the original color is **54.8048, 32.8093, 54.4832**, and **15.1719, 7.6082, 10.3417** is the 20% darker color. If you saturate the color by 10%, you get **32.4642, 16.1892, 26.2193**, and if you desaturate by 10%, it is **33.3060, 16.9681, 29.2890**.

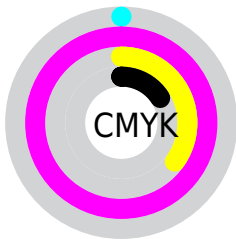
Distribution



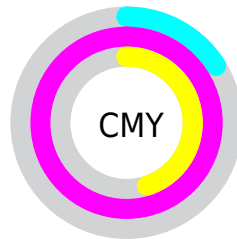
- Red (84%)
- Green (0%)
- Blue (55%)



- Red (84%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4652, 16.1896, 26.2247 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 32.4652, 16.1896, 26.2247 by changing the saturation by 10% instead.

 32.4652, 16.1896,
26.2247


 32.4652, 16.1896,
26.2247


304.9407,
230.4579, 297.5239


 21.8743, 9.6584,
16.7645


 62.9000, 36.9270,
54.6257


 13.8807, 5.1731,
9.9066


 83.4746, 51.9021,
74.4037


 8.1189, 2.3492,
5.2323


 108.1078, 70.4606,
98.4580

 4.2235, 0.7995,
2.3231

 137.1650, 92.9868,
127.2073

 1.8294, 0.0000,
0.7441

 171.0115,
119.8653, 161.0699

 0.5353, 0.0000,
0.0000

 210.0128,

 0.0000, 0.0000,

151.4804, 200.4645

0.0000

254.5341,
188.2165, 245.8097

■ 32.4652, 16.1896,
26.2247

■ 32.4652, 16.1896,
26.2247

■ 32.4642, 16.1892,
26.2193

■ 33.3060, 16.9681,
29.2890

■ 34.4896, 18.3723,
32.6521

■ 36.1184, 20.6061,
36.3515

■ 38.2493, 23.7820,
40.4094

■ 40.9301, 27.9947,
44.8450

■ 44.2031, 33.3277,
49.6755

■ 48.1060, 39.8555,
54.9164

■ 52.6735, 47.6465,
60.5822

■ 57.9375, 56.7637,
66.6865

Harmonies

Analogous

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



27.6950, 16.1896, 56.6627



32.4652, 16.1896, 26.2247



31.7460, 16.1896, 8.0287

Triad

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



32.4652, 16.1896, 26.2247



11.5103, 16.1896, 0.4904



8.1677, 16.1896, 64.5059

Complementary

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



32.4652, 16.1896, 26.2247



25.2845, 48.5885, 14.5317

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.



5.9119, 16.1896, 32.8512



32.4652, 16.1896, 26.2247



7.4039, 16.1896, 2.5388

Square

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



32.4652, 16.1896, 26.2247



18.1528, 16.1896, 0.3086



5.6821, 16.1896, 11.1507



12.9187, 16.1896, 87.5908

Rectangle

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



32.4652, 16.1896, 26.2247



28.2877, 16.1896, 2.9304



5.6821, 16.1896, 11.1507



7.1624, 16.1896, 53.7570

Sweetspot

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



32.4657, 16.1905, 26.2250



71.3390, 58.9317, 81.4087



14.7631, 6.2092, 64.0388



14.7181, 11.6865, 16.7000



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.



32.4657, 16.1905, 26.2250



48.1971, 24.0428, 38.5655



28.0459, 14.4226, 2.9509



12.7621, 12.5563, 14.6874



19.6732, 9.8056, 16.1150



1.2249, 0.6067, 1.1737

Inverse Universe

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



32.4657, 16.1905, 26.2250



48.1971, 24.0428, 38.5655



32.1172, 51.3215, 50.5121



12.7621, 12.5563, 14.6874



19.6732, 9.8056, 16.1150



1.2249, 0.6067, 1.1737

Previews

White Background



This preview shows how the XYZ color 32.4652, 16.1896, 26.2247 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 32.4652, 16.1896, 26.2247 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 32.4652, 16.1896, 26.2247

Background



This preview shows how black text looks on a background with the XYZ color 32.4652, 16.1896, 26.2247.



This preview shows how white text looks on a background with the XYZ color 32.4652, 16.1896,

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

32.4652, 16.1896, 26.2247

Protanopia

18.8574, 16.9555, 56.9224

Deuteranopia

17.0498, 16.7625, 23.4560



Tritanopia

28.3992, 16.5831, 5.5749

Trichromacy



Original Color

32.4652, 16.1896, 26.2247



Protanomaly

18.6013, 12.0059, 43.4565



Deuteranomaly

19.5052, 12.9031, 24.0168



Tritanomaly

29.1853, 15.7391, 10.5165

Monochromacy



Original Color

32.4652, 16.1896, 26.2247



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

12.6354, 7.9941, 13.4474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4652, 16.1896, 26.2247 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(214, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 140)  
}
```

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(214, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.4652, 16.1896, 26.2247 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(214, 0, 140) }
```


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

```
.border{ border-color:rgb(214, 0, 140) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4652, 16.1896, 26.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 140) }
```

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

```
.background{ background-color: rgb(214, 0,  
140) }
```

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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