

Converting Colors

XYZ(32.4627, 16.4597, 13.9639)

Have a look what the booklet for
XYZ(32.4627, 16.4597, 13.9639)
contains.

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Color

**XYZ(32.5225, 16.4889,
14.0389)**

Conversions

Conversions Part 1

Format	Color
Hex	DE0066
RGB	222, 0, 102
RGB Percent	87%, 0%, 40%
CMY	0.1294, 0.9998, 0.6000
CMYK	0.00, 1.00, 0.54, 0.13
HSL	332°, 100%, 44%
HSV	332°, 100%, 87%
XYZ	32.5225, 16.4889, 14.0389
YIQ	78.0060, 99.5700, 78.7860

Conversions

Conversions Part 2

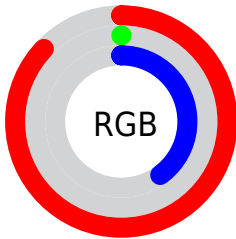
Format	Color
R_{YB}	222, 0, 102
Decimal	14549094
CIE _{Lab}	47.61, 75.54, 8.63
CIE _{LCh}	48, 76.031, 6.520
Yxy	16.4889, 0.5158, 0.2615
Android (android.graphics.Color)	4292739174 (0xFFDE0066)
YUV	78.0060, 11.8290, 126.2827
Hunter-Lab	40.6065, 71.9025, 7.9262

Details

The XYZ color **32.5225, 16.4889, 14.0389** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **29.5148, 53.5999, 26.5745**, and the grayscale version is **7.2127, 7.5884, 8.2637**.

A 20% lighter version of the original color is **50.8169, 31.2142, 33.4836**, and **15.2110, 7.7591, 4.4373** is the 20% darker color. If you saturate the color by 10%, you get **32.5211, 16.4884, 14.0323**, and if you desaturate by 10%, it is **33.4532, 17.3278, 17.5018**.

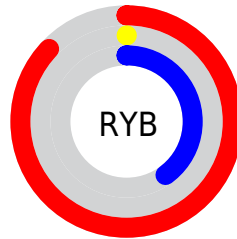
Distribution



Red (87%)

Green (0%)

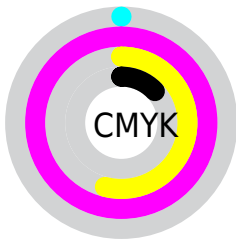
Blue (40%)



Red (87%)

Yellow (0%)

Blue (40%)

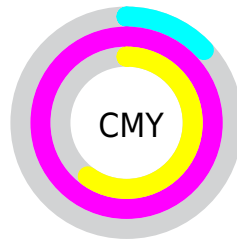


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5225, 16.4889, 14.0389 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 32.5225, 16.4889, 14.0389 by changing the saturation by 10% instead.


 32.5225, 16.4889,
14.0389


 32.5225, 16.4889,
14.0389


305.1957,
232.2096, 228.9095


 21.9184, 9.8708,
8.0087


 62.9890, 37.4449,
33.8762


 13.9132, 5.3134,
4.0126


 83.5821, 52.5516,
48.5203


 8.1416, 2.4323,
1.6323


 108.2355, 71.2565,
66.8727

 4.2383, 0.8424,
0.3137

 137.3147, 93.9442,
89.3521

 1.8378, 0.0000,
0.0000

 171.1850,
120.9989, 116.3769

 0.5403, 0.0000,
0.0000

 210.2117,

 0.0000, 0.0000,

152.8051, 148.3658

0.0000

254.7601,
189.7472, 185.7371

■ 32.5225, 16.4889,
14.0389

■ 32.5225, 16.4889,
14.0389

■ 32.5211, 16.4884,
14.0323

■ 33.4532, 17.3278,
17.5018

■ 34.8078, 18.8709,
21.5483

■ 36.6984, 21.3373,
26.2320

■ 39.1897, 24.8513,
31.5898

■ 42.3365, 29.5179,
37.6545

■ 46.1870, 35.4290,
44.4564

■ 50.7849, 42.6674,
52.0233

■ 56.1698, 51.3083,
60.3814

■ 62.3788, 61.4217,
69.5556

Harmonies

Analogous

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



30.9300, 16.4889, 37.3189



32.5225, 16.4889, 14.0389



28.6588, 16.4889, 3.6395

Triad

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



32.5225, 16.4889, 14.0389



9.1233, 16.4889, 1.5593



11.0302, 16.4889, 78.5940

Complementary

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



32.5225, 16.4889, 14.0389



29.5148, 53.5999, 26.5745

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.



7.3558, 16.4889, 50.6025



32.5225, 16.4889, 14.0389



6.4975, 16.4889, 6.8072

Square

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



32.5225, 16.4889, 14.0389



14.2380, 16.4889, 0.4576



5.9597, 16.4889, 22.5358



17.1997, 16.4889, 86.4712

Rectangle

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



32.5225, 16.4889, 14.0389



24.0210, 16.4889, 1.3470



5.9597, 16.4889, 22.5358



9.5240, 16.4889, 70.5774

Sweetspot

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



32.5229, 16.4899, 14.0391



69.3517, 58.1368, 70.9438



20.7140, 9.1561, 69.7826



14.2466, 11.4979, 14.2174



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.



32.5229, 16.4899, 14.0391



44.4587, 22.5475, 18.8795



30.2052, 15.6913, 1.4381



13.9678, 13.8048, 15.6006



19.3717, 9.8157, 8.6232



1.3875, 0.6983, 0.8337

Inverse Universe

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



32.5229, 16.4899, 14.0391



44.4587, 22.5475, 18.8795



37.3844, 53.6723, 77.4965



13.9678, 13.8048, 15.6006



19.3717, 9.8157, 8.6232



1.3875, 0.6983, 0.8337

Previews

White Background



This preview shows how the XYZ color 32.5225, 16.4889, 14.0389 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 32.5225, 16.4889, 14.0389 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 32.5225, 16.4889, 14.0389

Background



This preview shows how black text looks on a background with the XYZ color 32.5225, 16.4889, 14.0389.



This preview shows how white text looks on a background with the XYZ color 32.5225, 16.4889,

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

32.5225, 16.4889, 14.0389

Protanopia

17.3065, 17.2369, 30.4319

Deuteranopia

17.3832, 17.0105, 12.7231



Tritanopia

30.3894, 16.7991, 3.6483

Trichromacy



Original Color

32.5225, 16.4889, 14.0389



Protanomaly

18.6920, 12.6997, 22.9388



Deuteranomaly

20.0274, 13.3318, 12.5841



Tritanomaly

30.7818, 16.3133, 6.2290

Monochromacy



Original Color

32.5225, 16.4889, 14.0389



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

12.0668, 7.7152, 9.8700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5225, 16.4889, 14.0389 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(222, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 102)  
}
```

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(222, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 102) }
```

Border

The CSS property to change the border of an element to XYZ 32.5225, 16.4889, 14.0389 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(222, 0, 102) }
```


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

```
.border{ border-color:rgb(222, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5225, 16.4889, 14.0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 102) }
```

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

```
.background{ background-color: rgb(222, 0,  
102) }
```

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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