

Converting Colors

XYZ(32.8402, 16.9222, 14.7661)

Have a look what the booklet for
XYZ(32.8402, 16.9222, 14.7661)
contains.

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Color

**XYZ(32.8593, 16.9201,
14.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	DE1069
RGB	222, 16, 105
RGB Percent	87%, 6%, 41%
CMY	0.1294, 0.9371, 0.5882
CMYK	0.00, 0.93, 0.53, 0.13
HSL	334°, 87%, 47%
HSV	334°, 93%, 87%
XYZ	32.8593, 16.9201, 14.8986
YIQ	87.7400, 94.2070, 71.3510

Conversions

Conversions Part 2

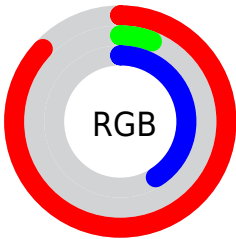
Format	Color
R_{YB}	222, 16, 105
Decimal	14553193
CIE _{Lab}	48.16, 74.37, 7.56
CIE _{LCh}	48, 74.756, 5.803
Yxy	16.9201, 0.5080, 0.2616
Android (android.graphics.Color)	4292743273 (0xFFDE1069)
YUV	87.7400, 8.5092, 117.7460
Hunter-Lab	41.1340, 70.6074, 7.3192

Details

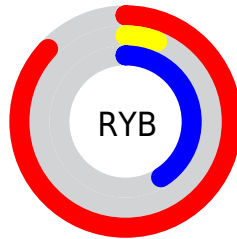
The XYZ color **32.8593, 16.9201, 14.8986** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **30.5716, 54.0473, 31.0240**, and the grayscale version is **9.1910, 9.6697, 10.5303**.

A 20% lighter version of the original color is **51.3330, 31.8447, 34.8936**, and **15.2609, 7.7791, 4.7002** is the 20% darker color. If you saturate the color by 10%, you get **32.2304, 16.3721, 12.5014**, and if you desaturate by 10%, it is **34.0717, 18.2297, 18.7415**.

Distribution



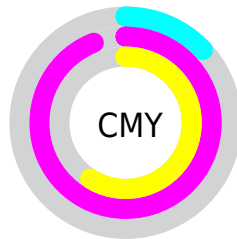
- Red (87%)
- Green (6%)
- Blue (41%)



- Red (87%)
- Yellow (6%)
- Blue (41%)



- Cyan (0%)
- Magenta (93%)
- Yellow (53%)
- Black (13%)



- Cyan (13%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8593, 16.9201, 14.8986 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 32.8593, 16.9201, 14.8986 by changing the saturation by 10% instead.


 32.8593, 16.9201,
14.8986


 32.8593, 16.9201,
14.8986


306.6915,
234.7115, 234.3712

 22.1774, 10.1775,
8.6024


 63.5119, 38.1883,
35.4150


 14.1046, 5.5168,
4.3895


 84.2134, 53.4828,
50.4723


 8.2757, 2.5536,
1.8414


 108.9854, 72.3967,
69.2870

 4.3251, 0.9034,
0.4550

 138.1934, 95.3145,
92.2777

 1.8877, 0.0000,
0.0000

 172.2026,
122.6204, 119.8629

 0.5697, 0.0000,
0.0000

 211.3784,

 0.0000, 0.0000,

154.6990, 152.4613

0.0000

256.0863,
191.9345, 190.4912

■ 32.8593, 16.9201,
14.8986

■ 32.8593, 16.9201,
14.8986

■ 32.2304, 16.3721,
12.5014

■ 34.0717, 18.2297,
18.7415

■ 35.8071, 20.4248,
23.2524

■ 38.1348, 23.6386,
28.4730

■ 41.1127, 27.9808,
34.4400

■ 44.7911, 33.5467,
41.1869

■ 49.2151, 40.4216,
48.7445

■ 54.4259, 48.6828,
57.1420

■ 60.4618, 58.4019,
66.4067

■ 67.3581, 69.6452,
76.5646

Harmonies

Analogous

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



31.1524, 16.9201, 38.3641



32.8593, 16.9201, 14.8986



29.1478, 16.9201, 4.0727

Triad

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



32.8593, 16.9201, 14.8986



9.5954, 16.9201, 1.7002



11.3070, 16.9201, 77.8090

Complementary

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



32.8593, 16.9201, 14.8986



30.5716, 54.0473, 31.0240

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.



7.6542, 16.9201, 50.0505



32.8593, 16.9201, 14.8986



6.8781, 16.9201, 6.9630

Square

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



32.8593, 16.9201, 14.8986



14.7990, 16.9201, 0.6054



6.2836, 16.9201, 22.4638



17.4371, 16.9201, 86.1653

Rectangle

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



32.8593, 16.9201, 14.8986



24.5821, 16.9201, 1.5805



6.2836, 16.9201, 22.4638



9.8093, 16.9201, 69.8022

Sweetspot

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



32.8597, 16.9211, 14.8989



70.4915, 60.2526, 71.8284



23.0038, 10.6117, 69.9428



14.4509, 11.8912, 14.3326



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.



32.8597, 16.9211, 14.8989



44.0624, 22.3890, 16.7925



30.6763, 16.4838, 2.0565



13.9518, 13.7984, 15.5164



19.1977, 9.7461, 7.7068



1.3749, 0.6933, 0.7673

Inverse Universe

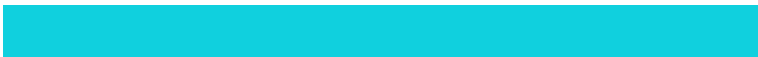
The Inverse Universe completely reimagines the original color for something new.



32.8597, 16.9211, 14.8989



44.0624, 22.3890, 16.7925



36.0205, 50.6273, 76.9806



13.9518, 13.7984, 15.5164



19.1977, 9.7461, 7.7068



1.3749, 0.6933, 0.7673

Previews

White Background



This preview shows how the XYZ color 32.8593, 16.9201, 14.8986 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 32.8593, 16.9201, 14.8986 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 32.8593, 16.9201, 14.8986

Background



This preview shows how black text looks on a background with the XYZ color 32.8593, 16.9201, 14.8986.



This preview shows how white text looks on a background with the XYZ color 32.8593, 16.9201,

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

32.8593, 16.9201, 14.8986

Protanopia

17.5471, 17.3332, 31.6990

Deuteranopia

17.6273, 17.2817, 13.4730



Tritanopia

30.5687, 17.0433, 4.0614

Trichromacy



Original Color

32.8593, 16.9201, 14.8986

Protanomaly

19.2402, 13.4659, 24.1394

Deuteranomaly

20.5625, 14.1767, 13.4570

Tritanomaly

31.0706, 16.7530, 6.7503

Monochromacy



Original Color

32.8593, 16.9201, 14.8986

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

14.0595, 9.5718, 11.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8593, 16.9201, 14.8986 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, 16, 105)` looks like.

```
.text, #text, p{  
    color:rgb(222, 16, 105)  
}
```

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, 16, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 16, 105) }
```

Border

The CSS property to change the border of an element to XYZ 32.8593, 16.9201, 14.8986 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, 16, 105) }
```


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

```
.border{ border-color:rgb(222, 16, 105) }
```

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

Here you see how a box with a 4 pixel rgb(222, 16, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 16, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 16, 105);  
box-shadow:4px 4px 4px 4px rgb(222, 16,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8593, 16.9201, 14.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 16, 105) }
```

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

```
.background{ background-color: rgb(222, 16,  
105) }
```

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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