

Converting Colors

XYZ(32.8886, 22.9999, 16.3417)

Have a look what the booklet for
XYZ(32.8886, 22.9999, 16.3417)
contains.

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Color

**XYZ(32.8886, 22.9999,
16.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	D0616A
RGB	208, 97, 106
RGB Percent	82%, 38%, 42%
CMY	0.1843, 0.6196, 0.5843
CMYK	0.00, 0.53, 0.49, 0.18
HSL	355°, 54%, 60%
HSV	355°, 53%, 82%
XYZ	32.8886, 22.9999, 16.3417
YIQ	131.2150, 63.2670, 26.3310

Conversions

Conversions Part 2

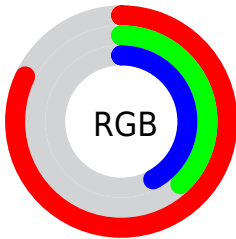
Format	Color
RYB	208, 97, 106
Decimal	13656426
CIELab	55.07, 44.68, 16.25
CIELCh	55, 47.544, 19.989
Yxy	22.9999, 0.4553, 0.3184
Android (android.graphics.Color)	4291846506 (0xFFD0616A)
YUV	131.2150, -12.4310, 67.3404
Hunter-Lab	47.9582, 38.4842, 13.3678

Details

The XYZ color **32.8886, 22.9999, 16.3417** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.7957, 51.7771, 62.0381**, and the grayscale version is **21.6782, 22.8072, 24.8370**.

A 20% lighter version of the original color is **58.3924, 45.8275, 37.6663**, and **14.0845, 8.5067, 5.0373** is the 20% darker color. If you saturate the color by 10%, you get **30.3267, 19.2935, 11.1181**, and if you desaturate by 10%, it is **36.1770, 27.8049, 22.9008**.

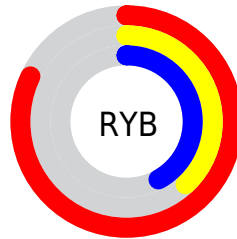
Distribution



Red (82%)

Green (38%)

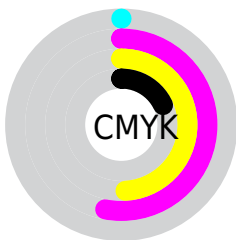
Blue (42%)



Red (82%)

Yellow (38%)

Blue (42%)

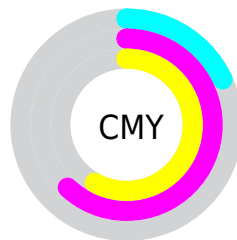


Cyan (0%)

Magenta (53%)

Yellow (49%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8886, 22.9999, 16.3417 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 32.8886, 22.9999, 16.3417 by changing the saturation by 10% instead.


 32.8886, 22.9999,
16.3417


 32.8886, 22.9999,
16.3417


306.8213,
267.7245, 243.2638


 22.1999, 14.5934,
9.6093


 63.5574, 48.3932,
37.9654


 14.1213, 8.5345,
5.0385


 84.2683, 66.1487,
53.6938

 8.2874, 4.4389,
2.2107


 109.0506, 87.7895,
73.2580

 4.3327, 1.9220,
0.6805

 138.2697,
113.6998, 97.0764

 1.8920, 0.5615,
0.0000

172.2910,
144.2641, 125.5677

 0.5722, 0.0000,
0.0000

211.4798,

 0.0000, 0.0000,

179.8667, 159.1503

0.0000

256.2014,
220.8920, 198.2428

■ 32.8886, 22.9999,
16.3417

■ 32.8886, 22.9999,
16.3417

■ 30.3267, 19.2935,
11.1181

■ 36.1770, 27.8049,
22.9008

■ 28.4343, 16.5956,
7.1370

■ 40.2397, 33.7821,
30.8775

■ 27.1490, 14.8078,
4.2952

■ 45.1223, 41.0029,
40.3485

■ 26.3953, 13.8102,
2.4723

■ 50.8663, 49.5323,
51.3847

■ 26.1123, 13.4498,
1.7442

■ 57.5107, 59.4303,
64.0527

■ 65.0918, 70.7535,
78.4148

■ 73.6441, 83.5553,
94.5305

■ 79.8223, 92.1498,
108.1874

Harmonies

Analogous

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



33.4938, 22.9999, 30.4597



32.8886, 22.9999, 16.3417



29.0793, 22.9999, 8.6943

Triad

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



32.8886, 22.9999, 16.3417



14.9550, 22.9999, 10.5881



20.1387, 22.9999, 66.1136

Complementary

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



32.8886, 22.9999, 16.3417



37.7957, 51.7771, 62.0381

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.



15.9481, 22.9999, 54.6612



32.8886, 22.9999, 16.3417



13.2914, 22.9999, 20.3098

Square

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



32.8886, 22.9999, 16.3417



18.5627, 22.9999, 6.4237



13.6229, 22.9999, 36.3875



25.5279, 22.9999, 63.6387

Rectangle

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



32.8886, 22.9999, 16.3417



25.5319, 22.9999, 6.4253



13.6229, 22.9999, 36.3875



18.5594, 22.9999, 63.6315

Sweetspot

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



32.8892, 23.0011, 16.3421



77.9276, 74.4906, 76.2622



39.1474, 25.2127, 62.4774



16.2668, 15.3306, 15.5306



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.



32.8892, 23.0011, 16.3421



47.6009, 29.9001, 16.6336



38.0309, 33.9942, 15.8680



11.8471, 11.8236, 12.4705



16.2892, 8.3885, 1.1633



0.9246, 0.4746, 0.1378

Inverse Universe

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



32.8892, 23.0011, 16.3421



47.6009, 29.9001, 16.6336



29.1924, 32.8494, 64.4762



11.8471, 11.8236, 12.4705



16.2892, 8.3885, 1.1633



0.9246, 0.4746, 0.1378

Previews

White Background



This preview shows how the XYZ color 32.8886, 22.9999, 16.3417 looks on a white 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

Black Background



This preview shows how the XYZ color 32.8886, 22.9999, 16.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

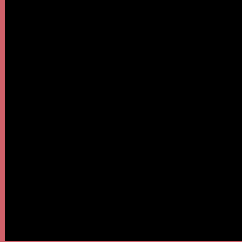
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8886, 22.9999, 16.3417

Background



This preview shows how black text looks on a background with the XYZ color 32.8886, 22.9999, 16.3417.



This preview shows how white text looks on a background with the XYZ color 32.8886, 22.9999,

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

32.8886, 22.9999, 16.3417

Protanopia

22.1429, 23.2510, 22.0597

Deuteranopia

23.6486, 23.1862, 15.5409



Tritanopia

32.7858, 22.9588, 15.8002

Trichromacy



Original Color

32.8886, 22.9999, 16.3417

Protanomaly

24.9120, 22.2645, 19.8141

Deuteranomaly

26.3728, 22.5840, 15.8011

Tritanomaly

32.8369, 22.9792, 16.0693

Monochromacy



Original Color

32.8886, 22.9999, 16.3417

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.4078, 21.9697, 21.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8886, 22.9999, 16.3417 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(208, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(208, 97, 106)  
}
```

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(208, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 97, 106) }
```

Border

The CSS property to change the border of an element to XYZ 32.8886, 22.9999, 16.3417 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(208, 97, 106) }
```


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

```
.border{ border-color:rgb(208, 97, 106) }
```

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

Here you see how a box with a 4 pixel rgb(208, 97, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 97, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 97, 106);  
box-shadow:4px 4px 4px 4px rgb(208, 97,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8886, 22.9999, 16.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 97, 106) }
```

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

```
.background{ background-color: rgb(208, 97,  
106) }
```

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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