

Converting Colors

XYZ(30.6817, 16.7113, 14.4405)

Have a look what the booklet for
XYZ(30.6817, 16.7113, 14.4405)
contains.

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Color

**XYZ(30.6817, 16.7113,
14.4405)**

Conversions

Conversions Part 1

Format	Color
Hex	D52967
RGB	213, 41, 103
RGB Percent	84%, 16%, 40%
CMY	0.1647, 0.8392, 0.5961
CMYK	0.00, 0.81, 0.52, 0.16
HSL	338°, 68%, 50%
HSV	338°, 81%, 84%
XYZ	30.6817, 16.7113, 14.4405
YIQ	99.4960, 82.6100, 55.7460

Conversions

Conversions Part 2

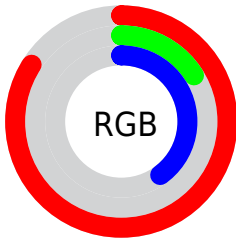
Format	Color
R_{YB}	213, 41, 103
Decimal	13969767
CIE _{Lab}	47.89, 67.59, 8.17
CIE _{LCh}	48, 68.078, 6.892
Yxy	16.7113, 0.4962, 0.2703
Android (android.graphics.Color)	4292159847 (0xFFD52967)
YUV	99.4960, 1.7275, 99.5430
Hunter-Lab	40.8795, 62.4325, 7.6717

Details

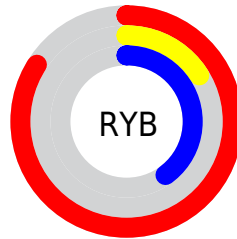
The XYZ color **30.6817, 16.7113, 14.4405** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **30.2963, 50.2949, 37.3953**, and the grayscale version is **11.9678, 12.5911, 13.7117**.

A 20% lighter version of the original color is **52.1243, 33.6962, 34.3286**, and **13.6874, 6.9708, 4.4950** is the 20% darker color. If you saturate the color by 10%, you get **29.5047, 15.3640, 10.9450**, and if you desaturate by 10%, it is **32.3691, 18.9012, 18.6561**.

Distribution



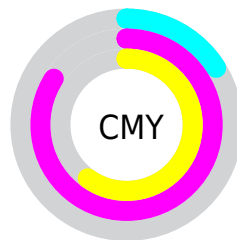
- Red (84%)
- Green (16%)
- Blue (40%)



- Red (84%)
- Yellow (16%)
- Blue (40%)



- Cyan (0%)
- Magenta (81%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6817, 16.7113, 14.4405 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 30.6817, 16.7113, 14.4405 by changing the saturation by 10% instead.

 30.6817, 16.7113,
14.4405


 30.6817, 16.7113,
14.4405


296.9224,
233.5032, 231.4772


 20.5072, 10.0289,
8.2854


 60.1178, 37.8287,
34.5969


 12.8747, 5.4181,
4.1877


 80.1102, 53.0325,
49.4354


 7.4187, 2.4946,
1.7289


 104.1060, 71.8456,
68.0053

 3.7740, 0.8739,
0.3804

 132.4704, 94.6522,
90.7254

 1.5751, 0.0000,
0.0000

 165.5689,
121.8369, 118.0141

 0.3761, 0.0000,
0.0000

 203.7668,

 0.0000, 0.0000,

153.7840, 150.2899

0.0000

247.4295,
190.8780, 187.9714

■ 30.6817, 16.7113,
14.4405

■ 30.6817, 16.7113,
14.4405

■ 29.5047, 15.3640,
10.9450

■ 32.3691, 18.9012,
18.6561

■ 28.7718, 14.6786,
8.2951

■ 34.6268, 22.0455,
23.6362

■ 37.5075, 26.2415,
29.4218

■ 41.0568, 31.5740,
36.0500

■ 45.3162, 38.1187,
43.5555

■ 50.3235, 45.9449,
51.9709

■ 56.1137, 55.1167,
61.3268

■ 62.7198, 65.6937,
71.6525

■ 70.1725, 77.7320,
82.9759

Harmonies

Analogous

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



29.3672, 16.7113, 34.9055



30.6817, 16.7113, 14.4405



27.2890, 16.7113, 4.5287

Triad

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



30.6817, 16.7113, 14.4405



9.8100, 16.7113, 2.3540



11.6948, 16.7113, 70.1998

Complementary

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



30.6817, 16.7113, 14.4405



30.2963, 50.2949, 37.3953

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.



8.2029, 16.7113, 46.8879



30.6817, 16.7113, 14.4405



7.3263, 16.7113, 7.9079

Square

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



30.6817, 16.7113, 14.4405



14.5116, 16.7113, 1.0505



6.8248, 16.7113, 22.5514



17.3394, 16.7113, 76.4338

Rectangle

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



30.6817, 16.7113, 14.4405



23.2252, 16.7113, 2.0421



6.8248, 16.7113, 22.5514



10.2794, 16.7113, 63.6033

Sweetspot

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



30.6821, 16.7123, 14.4408



72.8635, 64.7051, 73.5181



25.3700, 12.8692, 64.0974



15.0188, 12.9482, 14.7648



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.



30.6821, 16.7123, 14.4408



43.4713, 22.2854, 13.2703



29.6713, 17.9670, 4.0033



12.6064, 12.4940, 13.8673



17.6199, 8.9843, 5.3022



1.1017, 0.5575, 0.5251

Inverse Universe

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



30.6821, 16.7123, 14.4408



43.4713, 22.2854, 13.2703



31.3535, 42.1323, 69.4304



12.6064, 12.4940, 13.8673



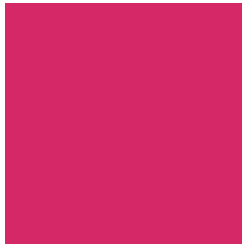
17.6199, 8.9843, 5.3022



1.1017, 0.5575, 0.5251

Previews

White Background



This preview shows how the XYZ color 30.6817, 16.7113, 14.4405 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 30.6817, 16.7113, 14.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

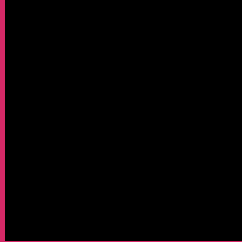
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.6817, 16.7113, 14.4405

Background



This preview shows how black text looks on a background with the XYZ color 30.6817, 16.7113, 14.4405.



This preview shows how white text looks on a background with the XYZ color 30.6817, 16.7113,

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

30.6817, 16.7113, 14.4405

Protanopia

16.8972, 16.9215, 27.5749

Deuteranopia

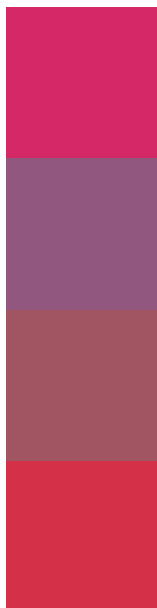
17.1572, 16.8836, 13.1811



Tritanopia

28.8969, 16.7727, 5.4558

Trichromacy



Original Color

30.6817, 16.7113, 14.4405

Protanomaly

19.0930, 14.4597, 21.8634

Deuteranomaly

20.1510, 14.9559, 13.3800

Tritanomaly

29.4523, 16.6747, 7.9696

Monochromacy



Original Color

30.6817, 16.7113, 14.4405

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

16.1295, 12.1943, 13.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6817, 16.7113, 14.4405 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(213, 41, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 41, 103)  
}
```

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(213, 41, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 41, 103) }
```

Border

The CSS property to change the border of an element to XYZ 30.6817, 16.7113, 14.4405 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(213, 41, 103) }
```


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

```
.border{ border-color:rgb(213, 41, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 41, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 41, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 41, 103);  
box-shadow:4px 4px 4px 4px rgb(213, 41,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6817, 16.7113, 14.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 41, 103) }
```

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

```
.background{ background-color: rgb(213, 41,  
103) }
```

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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