

Converting Colors

XYZ(30.4230, 17.4302, 15.7782)

Have a look what the booklet for
XYZ(30.4230, 17.4302, 15.7782)
contains.

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Color

**XYZ(30.3145, 17.3492,
15.6609)**

Conversions

Conversions Part 1

Format	Color
Hex	D1376B
RGB	209, 55, 107
RGB Percent	82%, 22%, 42%
CMY	0.1804, 0.7843, 0.5804
CMYK	0.00, 0.74, 0.49, 0.18
HSL	340°, 63%, 52%
HSV	340°, 74%, 82%
XYZ	30.3145, 17.3492, 15.6609
YIQ	106.9740, 75.0920, 48.8200

Conversions

Conversions Part 2

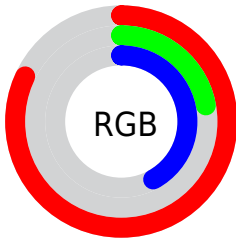
Format	Color
R_{YB}	209, 55, 107
Decimal	13711211
CIE _{Lab}	48.70, 62.75, 6.76
CIE _{LCh}	49, 63.114, 6.146
Yxy	17.3492, 0.4787, 0.2740
Android (android.graphics.Color)	4291901291 (0xFFD1376B)
YUV	106.9740, 0.0128, 89.4768
Hunter-Lab	41.6524, 57.0202, 6.8642

Details

The XYZ color **30.3145, 17.3492, 15.6609** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **30.4631, 48.8479, 39.7257**, and the grayscale version is **13.9545, 14.6812, 15.9878**.

A 20% lighter version of the original color is **53.4289, 35.7632, 36.4347**, and **13.2100, 6.7158, 4.8750** is the 20% darker color. If you saturate the color by 10%, you get **28.8523, 15.4987, 11.8632**, and if you desaturate by 10%, it is **32.3143, 20.0885, 20.2134**.

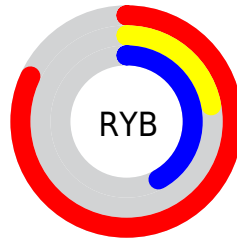
Distribution



Red (82%)

Green (22%)

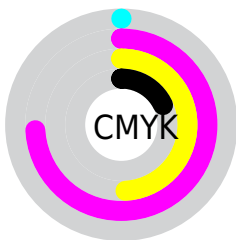
Blue (42%)



Red (82%)

Yellow (22%)

Blue (42%)

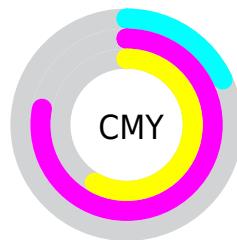


Cyan (0%)

Magenta (74%)

Yellow (49%)

Black (18%)



Cyan (18%)


Magenta (78%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3145, 17.3492, 15.6609 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 30.3145, 17.3492, 15.6609 by changing the saturation by 10% instead.

 30.3145, 17.3492,
15.6609


 30.3145, 17.3492,
15.6609


295.2513,
237.1768, 239.1094

 20.2267, 10.4838,
9.1328


 59.5424, 38.9252,
36.7671


 12.6691, 5.7209,
4.7299


 79.4132, 54.4046,
52.1822


 7.2765, 2.6761,
2.0337


 103.2757, 73.5240,
71.3967

 3.6835, 0.9651,
0.5759

 131.4953, 96.6680,
94.8292

 1.5247, 0.0000,
0.0000

 164.4373,
124.2209, 122.8981

 0.3425, 0.0000,
0.0000

202.4670,

 0.0000, 0.0000,

156.5670, 156.0221

0.0000

245.9499,
194.0908, 194.6197

■ 30.3145, 17.3492,
15.6609

■ 30.3145, 17.3492,
15.6609

■ 28.8523, 15.4987,
11.8632

■ 32.3143, 20.0885,
20.2134

■ 27.8637, 14.4176,
8.7713

■ 34.9028, 23.8102,
25.5628

■ 27.4177, 14.0046,
7.1460

■ 38.1263, 28.5990,
31.7488

■ 42.0257, 34.5299,
38.8075

■ 46.6387, 41.6707,
46.7731

■ 51.9997, 50.0842,
55.6776

■ 58.1413, 59.8285,
65.5516

■ 65.0938, 70.9585,
76.4239

■ 72.8858, 83.5256,
88.3223

Harmonies

Analogous

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



28.9955, 17.3492, 35.0507



30.3145, 17.3492, 15.6609



27.2839, 17.3492, 5.5868

Triad

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



30.3145, 17.3492, 15.6609



10.7282, 17.3492, 3.0261



12.3639, 17.3492, 66.0097

Complementary

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



30.3145, 17.3492, 15.6609



30.4631, 48.8479, 39.7257

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.



9.0005, 17.3492, 44.8184



30.3145, 17.3492, 15.6609



8.2234, 17.3492, 8.6640

Square

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



30.3145, 17.3492, 15.6609



15.3199, 17.3492, 1.5813



7.6751, 17.3492, 22.5357



17.7180, 17.3492, 72.0688

Rectangle

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



30.3145, 17.3492, 15.6609



23.5464, 17.3492, 2.8142



7.6751, 17.3492, 22.5357



11.0061, 17.3492, 59.9915

Sweetspot

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



30.3150, 17.3502, 15.6612



74.2744, 67.1145, 75.2600



26.4127, 14.3156, 61.6925



15.4387, 13.6494, 15.3321



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.



30.3150, 17.3502, 15.6612



44.3400, 23.2674, 15.8887



29.7164, 19.2955, 5.7739



11.9711, 11.8732, 13.1234



16.9465, 8.6514, 4.6243



0.9842, 0.4984, 0.4518

Inverse Universe

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



30.3150, 17.3502, 15.6612



44.3400, 23.2674, 15.8887



30.6228, 40.4922, 66.5232



11.9711, 11.8732, 13.1234



16.9465, 8.6514, 4.6243



0.9842, 0.4984, 0.4518

Previews

White Background



This preview shows how the XYZ color 30.3145, 17.3492, 15.6609 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 30.3145, 17.3492, 15.6609 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 30.3145, 17.3492, 15.6609

Background



This preview shows how black text looks on a background with the XYZ color 30.3145, 17.3492, 15.6609.



This preview shows how white text looks on a background with the XYZ color 30.3145, 17.3492,

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

30.3145, 17.3492, 15.6609

Protanopia

17.4940, 17.5641, 27.6675

Deuteranopia

17.9259, 17.5768, 14.5044



Tritanopia

28.6089, 17.3495, 7.3098

Trichromacy



Original Color

30.3145, 17.3492, 15.6609

Protanomaly

19.9094, 15.6167, 22.7339

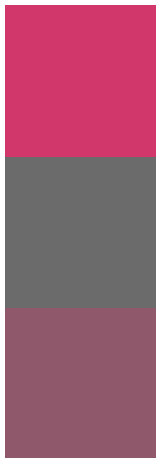
Deuteranomaly

20.8872, 16.0385, 14.8268

Tritanomaly

29.2042, 17.3566, 9.7936

Monochromacy



Original Color

30.3145, 17.3492, 15.6609

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.6452, 13.9703, 15.6764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3145, 17.3492, 15.6609 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(209, 55, 107)` looks like.

```
.text, #text, p{  
    color:rgb(209, 55, 107)  
}
```

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(209, 55, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 55, 107) }
```

Border

The CSS property to change the border of an element to XYZ 30.3145, 17.3492, 15.6609 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(209, 55, 107) }
```


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

```
.border{ border-color:rgb(209, 55, 107) }
```

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

Here you see how a box with a 4 pixel rgb(209, 55, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 55, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 55, 107);  
box-shadow:4px 4px 4px 4px rgb(209, 55,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3145, 17.3492, 15.6609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 55, 107) }
```

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

```
.background{ background-color: rgb(209, 55,  
107) }
```

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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