

Converting Colors

XYZ(30.1175, 15.4394, 8.9822)

Have a look what the booklet for
XYZ(30.1175, 15.4394, 8.9822)
contains.

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Color

**XYZ(30.1175, 15.4394,
8.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	D90550
RGB	217, 5, 80
RGB Percent	85%, 2%, 31%
CMY	0.1490, 0.9802, 0.6863
CMYK	0.00, 0.98, 0.63, 0.15
HSL	339°, 95%, 44%
HSV	339°, 98%, 85%
XYZ	30.1175, 15.4394, 8.9822
YIQ	76.9380, 102.2770, 68.2690

Conversions

Conversions Part 2

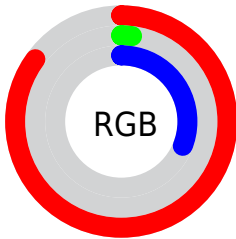
Format	Color
RYB	217, 5, 80
Decimal	14222672
CIELab	46.23, 72.64, 20.23
CIELCh	46, 75.407, 15.562
Yxy	15.4394, 0.5522, 0.2831
Android (android.graphics.Color)	4292412752 (0xFFD90550)
YUV	76.9380, 1.5096, 122.8344
Hunter-Lab	39.2930, 68.0548, 13.9517

Details

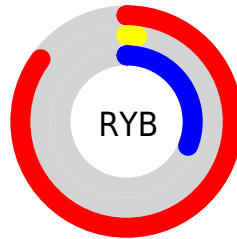
The XYZ color **30.1175, 15.4394, 8.9822** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **29.7617, 51.6123, 34.0022**, and the grayscale version is **7.0311, 7.3973, 8.0556**.

A 20% lighter version of the original color is **48.9435, 30.3272, 24.0430**, and **13.6449, 6.9974, 2.3005** is the 20% darker color. If you saturate the color by 10%, you get **29.9455, 15.2838, 8.3448**, and if you desaturate by 10%, it is **31.0228, 16.3325, 12.1133**.

Distribution



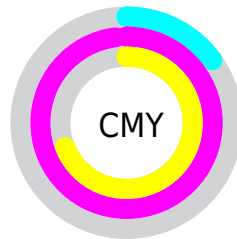
- Red (85%)
- Green (2%)
- Blue (31%)



- Red (85%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (63%)
- Black (15%)





- Cyan (15%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1175, 15.4394, 8.9822 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 30.1175, 15.4394, 8.9822 by changing the saturation by 10% instead.


 30.1175, 15.4394,
8.9822


 30.1175, 15.4394,
8.9822


294.3518,
226.0106, 193.4582


 20.0763, 9.1283,
4.6329


 59.2333, 35.6222,
24.4398


 12.5591, 4.8250,
1.9786


 79.0386, 50.2627,
36.3852

 7.2006, 2.1449,
0.5421


 102.8294, 68.4485,
51.6998

 3.6353, 0.6897,
0.0000

 130.9709, 90.5640,
70.8020

 1.4979, 0.0000,
0.0000

 163.8285,
116.9936, 94.1104

 0.3244, 0.0000,
0.0000

 201.7676,

 0.0000, 0.0000,

148.1216, 122.0435

0.0000

245.1536,
184.3325, 155.0200

■ 30.1175, 15.4394,
8.9822

■ 30.1175, 15.4394,
8.9822

■ 29.9455, 15.2838,
8.3448

■ 31.0228, 16.3325,
12.1133

■ 32.3999, 17.9860,
15.9660

■ 34.3321, 20.5572,
20.5963

■ 36.8802, 24.1597,
26.0510

■ 40.0968, 28.8901,
32.3723

■ 44.0283, 34.8341,
39.5993

■ 48.7170, 42.0687,
47.7681

■ 54.2017, 50.6647,
56.9130

■ 60.5185, 60.6878,
67.0663

Harmonies

Analogous

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



30.2190, 15.4394, 27.2877



30.1175, 15.4394, 8.9822



25.1572, 15.4394, 2.0786

Triad

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



30.1175, 15.4394, 8.9822



7.4931, 15.4394, 2.2030



11.8001, 15.4394, 79.7980

Complementary

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



30.1175, 15.4394, 8.9822



29.7617, 51.6123, 34.0022

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.



7.6032, 15.4394, 56.9421



30.1175, 15.4394, 8.9822



5.6562, 15.4394, 9.4314

Square

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



30.1175, 15.4394, 8.9822



11.5986, 15.4394, 0.4939



5.6895, 15.4394, 28.2253



18.2516, 15.4394, 79.2911

Rectangle

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



30.1175, 15.4394, 8.9822



20.4135, 15.4394, 0.7730



5.6895, 15.4394, 28.2253



10.1269, 15.4394, 74.1303

Sweetspot

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



30.1179, 15.4404, 8.9824



69.0612, 58.8429, 66.8787



23.2739, 10.6326, 66.4709



14.1465, 11.6122, 13.2141



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.



30.1179, 15.4404, 8.9824



43.0930, 22.0012, 11.6880



29.1951, 15.8675, 1.6689



13.2453, 13.1272, 14.5529



18.1732, 9.2703, 5.2919



1.2175, 0.6166, 0.5542

Inverse Universe

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



30.1179, 15.4404, 8.9824



43.0930, 22.0012, 11.6880



30.7290, 41.3253, 72.0023



13.2453, 13.1272, 14.5529



18.1732, 9.2703, 5.2919



1.2175, 0.6166, 0.5542

Previews

White Background



This preview shows how the XYZ color 30.1175, 15.4394, 8.9822 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 30.1175, 15.4394, 8.9822 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 30.1175, 15.4394, 8.9822

Background



This preview shows how black text looks on a background with the XYZ color 30.1175, 15.4394, 8.9822.



This preview shows how white text looks on a background with the XYZ color 30.1175, 15.4394,

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

30.1175, 15.4394, 8.9822

Protanopia

15.5774, 16.0980, 19.1158

Deuteranopia

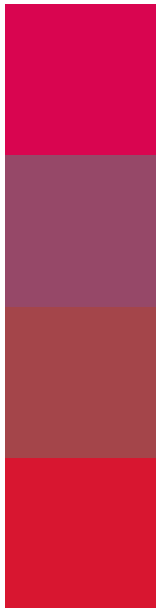
16.1229, 15.8313, 8.1672



Tritanopia

28.7752, 15.5738, 2.7177

Trichromacy



Original Color

30.1175, 15.4394, 8.9822

Protanomaly

17.3937, 12.1182, 14.5190

Deuteranomaly

18.6740, 12.6432, 7.9347

Tritanomaly

29.1393, 15.3861, 4.2303

Monochromacy



Original Color

30.1175, 15.4394, 8.9822

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

11.4611, 7.5069, 8.0526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1175, 15.4394, 8.9822 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(217, 5, 80)` looks like.

```
.text, #text, p{  
    color:rgb(217, 5, 80)  
}
```

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(217, 5, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 5, 80) }
```

Border

The CSS property to change the border of an element to XYZ 30.1175, 15.4394, 8.9822 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(217, 5, 80) }
```


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

```
.border{ border-color:rgb(217, 5, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 5, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 5, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 5, 80);  
box-shadow:4px 4px 4px 4px rgb(217, 5, 80)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.1175, 15.4394, 8.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 5, 80) }
```

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

```
.background{ background-color: rgb(217, 5,  
80) }
```

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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