

Converting Colors

XYZ(29.1166, 14.9664, 9.6467)

Have a look what the booklet for
XYZ(29.1166, 14.9664, 9.6467)
contains.

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Color

**XYZ(29.1385, 14.9816,
9.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	D50954
RGB	213, 9, 84
RGB Percent	84%, 4%, 33%
CMY	0.1647, 0.9645, 0.6706
CMYK	0.00, 0.96, 0.61, 0.16
HSL	338°, 92%, 44%
HSV	338°, 96%, 84%
XYZ	29.1385, 14.9816, 9.7435
YIQ	78.5460, 97.5090, 66.5730

Conversions

Conversions Part 2

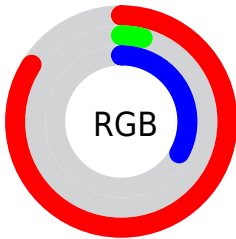
Format	Color
R_{YB}	213, 9, 84
Decimal	13961556
CIE _{Lab}	45.61, 71.59, 16.77
CIE _{LCh}	46, 73.523, 13.181
Yxy	14.9816, 0.5410, 0.2781
Android (android.graphics.Color)	4292151636 (0xFFD50954)
YUV	78.5460, 2.6888, 117.9162
Hunter-Lab	38.7061, 66.6418, 12.1691

Details

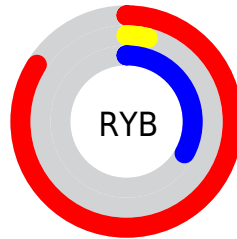
The XYZ color **29.1385, 14.9816, 9.7435** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **28.4980, 49.4829, 32.1108**, and the grayscale version is **7.3318, 7.7136, 8.4001**.

A 20% lighter version of the original color is **49.2147, 30.4356, 25.4711**, and **12.9607, 6.6372, 2.6055** is the 20% darker color. If you saturate the color by 10%, you get **28.8256, 14.7001, 8.5785**, and if you desaturate by 10%, it is **30.0933, 15.9641, 12.9204**.

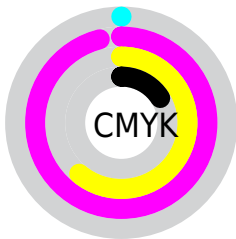
Distribution



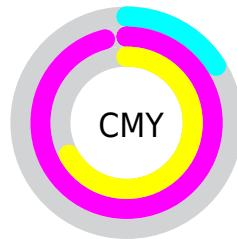
- Red (84%)
- Green (4%)
- Blue (33%)



- Red (84%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (96%)
- Yellow (61%)
- Black (16%)





- Cyan (16%)
- Magenta (96%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1385, 14.9816, 9.7435 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 29.1385, 14.9816, 9.7435 by changing the saturation by 10% instead.

 29.1385, 14.9816,
9.7435


 29.1385, 14.9816,
9.7435


289.8503,
223.2548, 199.2493


 19.3304, 8.8065,
5.1259


 57.6931, 34.8209,
25.9121


 12.0147, 4.6152,
2.2613


 77.1703, 49.2539,
38.3002

 6.8260, 2.0233,
0.7094


 100.6013, 67.2082,
54.1155

 3.3989, 0.6209,
0.0000

 128.3515, 89.0684,
73.7766

 1.3680, 0.0000,
0.0000

 160.7861,
115.2187, 97.7020

 0.2333, 0.0000,
0.0000

 198.2705,

 0.0000, 0.0000,

146.0436, 126.3102

0.0000

241.1701,
181.9275, 160.0198

■ 29.1385, 14.9816,
9.7435

■ 29.1385, 14.9816,
9.7435

■ 28.8256, 14.7001,
8.5785

■ 30.0933, 15.9641,
12.9204

■ 31.5188, 17.7170,
16.7814

■ 33.4839, 20.3697,
21.3741

■ 36.0443, 24.0269,
26.7403

■ 39.2487, 28.7783,
32.9180

■ 43.1404, 34.7039,
39.9422

■ 47.7585, 41.8759,
47.8457

■ 53.1395, 50.3608,
56.6593

■ 59.3171, 60.2203,
66.4124

Harmonies

Analogous

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



28.8264, 14.9816, 28.2074



29.1385, 14.9816, 9.7435



24.7223, 14.9816, 2.3787

Triad

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



29.1385, 14.9816, 9.7435



7.5826, 14.9816, 1.9818



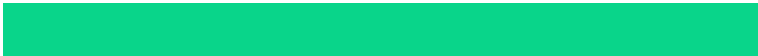
11.0842, 14.9816, 74.9627

Complementary

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



29.1385, 14.9816, 9.7435



28.4980, 49.4829, 32.1108

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.



7.2391, 14.9816, 52.2037



29.1385, 14.9816, 9.7435



5.6535, 14.9816, 8.3433

Square

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



29.1385, 14.9816, 9.7435



11.7093, 14.9816, 0.4929



5.5492, 14.9816, 25.3195



17.1104, 14.9816, 76.5116

Rectangle

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



29.1385, 14.9816, 9.7435



20.2701, 14.9816, 0.9104



5.5492, 14.9816, 25.3195



9.5422, 14.9816, 69.0590

Sweetspot

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



29.1389, 14.9825, 9.7437



69.1872, 58.8934, 67.5422



22.0706, 10.1362, 63.7437



14.1761, 11.6240, 13.3700



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.



29.1389, 14.9825, 9.7437



43.2476, 22.0630, 12.5019



28.0294, 15.2447, 1.7250



12.6100, 12.4955, 13.8867



17.6532, 8.9976, 5.4781



1.1040, 0.5584, 0.5371

Inverse Universe

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



29.1389, 14.9825, 9.7437



43.2476, 22.0630, 12.5019



30.3651, 41.3458, 69.3306



12.6100, 12.4955, 13.8867



17.6532, 8.9976, 5.4781



1.1040, 0.5584, 0.5371

Previews

White Background



This preview shows how the XYZ color 29.1385, 14.9816, 9.7435 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 29.1385, 14.9816, 9.7435 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 29.1385, 14.9816, 9.7435

Background



This preview shows how black text looks on a background with the XYZ color 29.1385, 14.9816, 9.7435.



This preview shows how white text looks on a background with the XYZ color 29.1385, 14.9816,

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

29.1385, 14.9816, 9.7435

Protanopia

15.1658, 15.5306, 20.6107

Deuteranopia

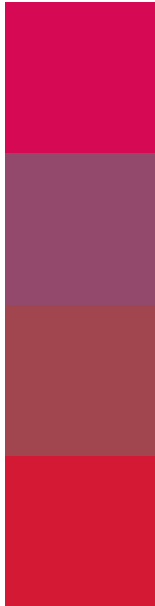
15.6816, 15.4364, 8.8096



Tritanopia

27.7105, 15.1027, 2.8935

Trichromacy



Original Color

29.1385, 14.9816, 9.7435

Protanomaly

16.9434, 11.9588, 15.6026

Deuteranomaly

18.2632, 12.5074, 8.6593

Tritanomaly

28.1188, 14.9402, 4.6505

Monochromacy



Original Color

29.1385, 14.9816, 9.7435

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

11.7065, 7.8216, 8.6773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1385, 14.9816, 9.7435 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, 9, 84)` looks like.

```
.text, #text, p{  
    color:rgb(213, 9, 84)  
}
```

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, 9, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 9, 84) }
```

Border

The CSS property to change the border of an element to XYZ 29.1385, 14.9816, 9.7435 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, 9, 84) }
```


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

```
.border{ border-color:rgb(213, 9, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 9, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 9, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 9, 84);  
box-shadow:4px 4px 4px 4px rgb(213, 9, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.1385, 14.9816, 9.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 9, 84) }
```

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

```
.background{ background-color: rgb(213, 9,  
84) }
```

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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