

Converting Colors

XYZ(29.7669, 15.2286, 11.3669)

Have a look what the booklet for
XYZ(29.7669, 15.2286, 11.3669)
contains.

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Color

**XYZ(29.6850, 15.1817,
11.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	D6065B
RGB	214, 6, 91
RGB Percent	84%, 2%, 36%
CMY	0.1608, 0.9763, 0.6431
CMYK	0.00, 0.97, 0.57, 0.16
HSL	335°, 95%, 43%
HSV	335°, 97%, 84%
XYZ	29.6850, 15.1817, 11.2633
YIQ	77.8820, 96.6830, 70.5310

Conversions

Conversions Part 2

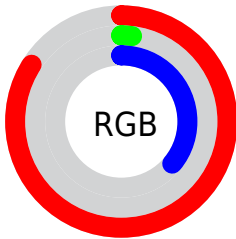
Format	Color
RYB	214, 6, 91
Decimal	14026331
CIELab	45.88, 72.50, 12.81
CIElCh	46, 73.626, 10.018
Yxy	15.1817, 0.5289, 0.2705
Android (android.graphics.Color)	4292216411 (0xFFD6065B)
YUV	77.8820, 6.4672, 119.3755
Hunter-Lab	38.9637, 67.8061, 10.1355

Details

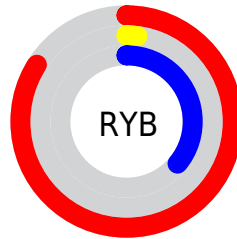
The XYZ color **29.6850, 15.1817, 11.2633** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **28.0875, 49.7181, 28.9003**, and the grayscale version is **7.1992, 7.5741, 8.2482**.

A 20% lighter version of the original color is **49.7888, 30.6653, 28.4941**, and **13.4420, 6.8727, 3.2028** is the 20% darker color. If you saturate the color by 10%, you get **29.4692, 14.9912, 10.4485**, and if you desaturate by 10%, it is **30.6150, 16.0930, 14.4984**.

Distribution



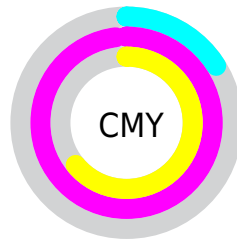
- Red (84%)
- Green (2%)
- Blue (36%)



- Red (84%)
- Yellow (2%)
- Blue (36%)



- Cyan (0%)
- Magenta (97%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (98%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6850, 15.1817, 11.2633 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 29.6850, 15.1817, 11.2633 by changing the saturation by 10% instead.


 29.6850, 15.1817,
11.2633


 29.6850, 15.1817,
11.2633


292.3696,
224.4634, 210.2670

 19.7465, 8.9470,
6.1278


 58.5537, 35.1716,
28.7901


 12.3181, 4.7066,
2.8529


 78.2147, 49.6956,
42.0185


 7.0344, 2.0762,
1.0200


 101.8471, 67.7516,
58.7816

 3.5302, 0.6512,
0.0000

 129.8164, 89.7238,
79.4980

 1.4399, 0.0000,
0.0000

 162.4880,
115.9966, 104.5862

 0.2844, 0.0000,
0.0000

 200.2272,

 0.0000, 0.0000,

146.9546, 134.4647

0.0000

243.3992,
182.9821, 169.5522

■ 29.6850, 15.1817,
11.2633

■ 29.6850, 15.1817,
11.2633

■ 29.4692, 14.9912,
10.4485

■ 30.6150, 16.0930,
14.4984

■ 31.9940, 17.7480,
18.3587

■ 33.8975, 20.2913,
22.8893

■ 36.3826, 23.8308,
28.1280

■ 39.4982, 28.4589,
34.1088

■ 43.2880, 34.2573,
40.8633

■ 47.7915, 41.2998,
48.4207

■ 53.0451, 49.6542,
56.8086

■ 59.0825, 59.3831,
66.0533

Harmonies

Analogous

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



28.8246, 15.1817, 31.1991



29.6850, 15.1817, 11.2633



25.6517, 15.1817, 2.8453

Triad

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



29.6850, 15.1817, 11.2633



8.0293, 15.1817, 1.7328



10.7195, 15.1817, 74.0580

Complementary

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



29.6850, 15.1817, 11.2633



28.0875, 49.7181, 28.9003

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.



7.0768, 15.1817, 49.7444



29.6850, 15.1817, 11.2633



5.8612, 15.1817, 7.3769

Square

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



29.6850, 15.1817, 11.2633



12.4493, 15.1817, 0.4617



5.5715, 15.1817, 23.2265



16.6098, 15.1817, 78.3180

Rectangle

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



29.6850, 15.1817, 11.2633



21.2626, 15.1817, 1.0761



5.5715, 15.1817, 23.2265



9.2442, 15.1817, 67.4203

Sweetspot

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



29.6854, 15.1826, 11.2635



69.5646, 59.0443, 69.5298



21.0080, 9.5253, 64.3494



14.2649, 11.6596, 13.8378



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.



29.6854, 15.1826, 11.2635



43.7476, 22.2630, 15.1348



28.0784, 14.9371, 1.5768



12.6315, 12.5041, 13.9995



17.8610, 9.0807, 6.5722



1.1178, 0.5639, 0.6098

Inverse Universe

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



29.6854, 15.1826, 11.2635



43.7476, 22.2630, 15.1348



32.1046, 44.6768, 70.5494



12.6315, 12.5041, 13.9995



17.8610, 9.0807, 6.5722



1.1178, 0.5639, 0.6098

Previews

White Background



This preview shows how the XYZ color 29.6850, 15.1817, 11.2633 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 29.6850, 15.1817, 11.2633 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 29.6850, 15.1817, 11.2633

Background



This preview shows how black text looks on a background with the XYZ color 29.6850, 15.1817, 11.2633.



This preview shows how white text looks on a background with the XYZ color 29.6850, 15.1817,

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

29.6850, 15.1817, 11.2633

Protanopia

15.5774, 15.6674, 24.0329

Deuteranopia

15.8829, 15.6631, 10.1688



Tritanopia

28.1163, 15.4415, 3.0887

Trichromacy



Original Color

29.6850, 15.1817, 11.2633



Protanomaly

17.2053, 11.9388, 18.2272



Deuteranomaly

18.5278, 12.6133, 10.0524



Tritanomaly

28.4996, 15.1608, 5.0387

Monochromacy



Original Color

29.6850, 15.1817, 11.2633



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.5417, 7.5925, 9.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6850, 15.1817, 11.2633 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(214, 6, 91)` looks like.

```
.text, #text, p{  
    color:rgb(214, 6, 91)  
}
```

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(214, 6, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 6, 91) }
```

Border

The CSS property to change the border of an element to XYZ 29.6850, 15.1817, 11.2633 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(214, 6, 91) }
```


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

```
.border{ border-color:rgb(214, 6, 91) }
```

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

Here you see how a box with a 4 pixel rgb(214, 6, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 6, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 6, 91);  
box-shadow:4px 4px 4px 4px rgb(214, 6, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.6850, 15.1817, 11.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 6, 91) }
```

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

```
.background{ background-color: rgb(214, 6,  
91) }
```

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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