

Converting Colors

XYZ(30.9352, 18.3458, 13.8115)

Have a look what the booklet for
XYZ(30.9352, 18.3458, 13.8115)
contains.

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Color

**XYZ(30.8936, 18.3047,
13.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	D33F63
RGB	211, 63, 99
RGB Percent	83%, 25%, 39%
CMY	0.1726, 0.7529, 0.6118
CMYK	0.00, 0.70, 0.53, 0.17
HSL	345°, 63%, 54%
HSV	345°, 70%, 83%
XYZ	30.8936, 18.3047, 13.7093
YIQ	111.3560, 76.6520, 42.5720

Conversions

Conversions Part 2

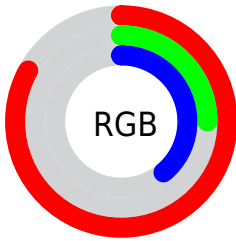
Format	Color
RYB	211, 63, 99
Decimal	13844323
CIELab	49.86, 59.88, 13.32
CIElCh	50, 61.347, 12.537
Yxy	18.3047, 0.4911, 0.2910
Android (android.graphics.Color)	4292034403 (0xFFD33F63)
YUV	111.3560, -6.0915, 87.3878
Hunter-Lab	42.7840, 54.0199, 10.9505

Details

The XYZ color **30.8936, 18.3047, 13.7093** 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 **33.0834, 50.7409, 48.6120**, and the grayscale version is **15.2154, 16.0078, 17.4325**.

A 20% lighter version of the original color is **53.3813, 36.8629, 32.7355**, and **13.2203, 6.7411, 3.9725** is the 20% darker color. If you saturate the color by 10%, you get **29.2512, 16.1234, 9.7605**, and if you desaturate by 10%, it is **33.1354, 21.4435, 18.6029**.

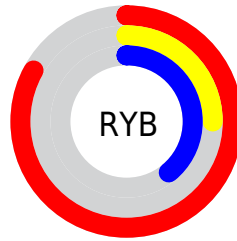
Distribution



Red (83%)

Green (25%)

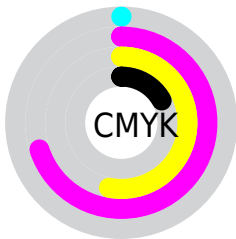
Blue (39%)



Red (83%)

Yellow (25%)

Blue (39%)

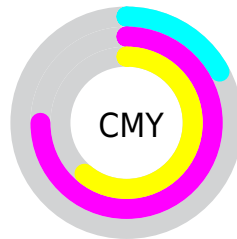


Cyan (0%)

Magenta (70%)

Yellow (53%)

Black (17%)



Cyan (17%)


Magenta (75%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8936, 18.3047, 13.7093 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 30.8936, 18.3047, 13.7093 by changing the saturation by 10% instead.


 30.8936, 18.3047,
13.7093


 30.8936, 18.3047,
13.7093


297.8835,
242.5829, 226.7800


 20.6693, 11.1690,
7.7823


 60.4495, 40.5558,
33.2820


 12.9935, 6.1806,
3.8702


 80.5118, 56.4400,
47.7648


 7.5011, 2.9552,
1.5544


 104.5841, 76.0092,
65.9366

 3.8265, 1.1084,
0.2580

 133.0318, 99.6477,
88.2160

 1.6044, 0.0000,
0.0000

 166.2202,
127.7399, 115.0215

 0.3953, 0.0000,
0.0000

204.5147,

 0.0000, 0.0000,

160.6703, 146.7716

0.0000

248.2807,
198.8231, 183.8849

■ 30.8936, 18.3047,
13.7093

■ 30.8936, 18.3047,
13.7093

■ 29.2512, 16.1234,
9.7605

■ 33.1354, 21.4435,
18.6029

■ 28.1436, 14.7842,
6.6905


■ 36.0293, 25.6317,
24.4990


■ 27.4684, 14.0906,
4.4406


■ 39.6234, 30.9534,
31.4513


■ 43.9609, 37.4836,
39.5094

■ 49.0815, 45.2908,
48.7196

 55.0218, 54.4382,
59.1256

 61.8162, 64.9850,
70.7686

 69.4971, 76.9867,
83.6880

 78.0953, 90.4959,
97.9212

Harmonies

Analogous

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



30.5271, 18.3047, 31.2807



30.8936, 18.3047, 13.7093



27.1023, 18.3047, 5.0977

Triad

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



30.8936, 18.3047, 13.7093



10.8327, 18.3047, 4.3468



14.2281, 18.3047, 69.3496

Complementary

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



30.8936, 18.3047, 13.7093



33.0834, 50.7409, 48.6120

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.



10.3404, 18.3047, 50.7152



30.8936, 18.3047, 13.7093



8.7045, 18.3047, 11.7238

Square

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



30.8936, 18.3047, 13.7093



15.0629, 18.3047, 2.1045



8.5474, 18.3047, 27.7965



19.9629, 18.3047, 71.0130

Rectangle

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



30.8936, 18.3047, 13.7093



23.1352, 18.3047, 2.8130



8.5474, 18.3047, 27.7965



12.6977, 18.3047, 64.5259

Sweetspot

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



30.8941, 18.3057, 13.7096



74.4299, 68.1227, 73.1619



30.9919, 17.2581, 63.3255



15.4429, 13.8349, 14.7879



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.



30.8941, 18.3057, 13.7096



43.9971, 23.6205, 12.5715



32.3192, 23.3235, 7.5024



11.9249, 11.8547, 12.8806



16.6114, 8.5174, 2.8600



0.9609, 0.4891, 0.3287

Inverse Universe

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



30.8941, 18.3057, 13.7096



43.9971, 23.6205, 12.5715



28.9448, 36.0331, 67.0574



11.9249, 11.8547, 12.8806



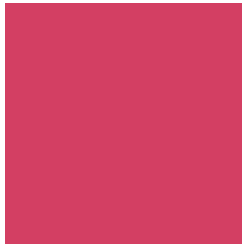
16.6114, 8.5174, 2.8600



0.9609, 0.4891, 0.3287

Previews

White Background



This preview shows how the XYZ color 30.8936, 18.3047, 13.7093 looks on a white background.

Color Contrast Check

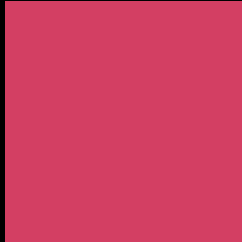
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8936, 18.3047, 13.7093 looks on a black 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

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

XYZ 30.8936, 18.3047, 13.7093

Background



This preview shows how black text looks on a background with the XYZ color 30.8936, 18.3047, 13.7093.



This preview shows how white text looks on a background with the XYZ color 30.8936, 18.3047,

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

30.8936, 18.3047, 13.7093

Protanopia

17.9169, 18.4111, 22.6880

Deuteranopia

18.7643, 18.3828, 12.6845



Tritanopia

29.8762, 18.4258, 8.1128

Trichromacy



Original Color

30.8936, 18.3047, 13.7093

Protanomaly

20.5275, 16.6951, 18.9702

Deuteranomaly

21.8837, 17.1176, 12.9771

Tritanomaly

30.1085, 18.3251, 9.9329

Monochromacy



Original Color

30.8936, 18.3047, 13.7093

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.6892, 15.2700, 15.8723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8936, 18.3047, 13.7093 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(211, 63, 99)` looks like.

```
.text, #text, p{  
    color:rgb(211, 63, 99)  
}
```

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(211, 63, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 63, 99) }
```

Border

The CSS property to change the border of an element to XYZ 30.8936, 18.3047, 13.7093 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(211, 63, 99) }
```


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

```
.border{ border-color:rgb(211, 63, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 63, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 63, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 63, 99);  
box-shadow:4px 4px 4px 4px rgb(211, 63,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8936, 18.3047, 13.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 63, 99) }
```

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

```
.background{ background-color: rgb(211, 63,  
99) }
```

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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