

Converting Colors

XYZ(30.8613, 16.3812, 6.5363)

Have a look what the booklet for
XYZ(30.8613, 16.3812, 6.5363)
contains.

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Color

**XYZ(30.8613, 16.3812,
6.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	DC1B41
RGB	220, 27, 65
RGB Percent	86%, 11%, 25%
CMY	0.1373, 0.8940, 0.7451
CMYK	0.00, 0.88, 0.70, 0.14
HSL	348°, 78%, 48%
HSV	348°, 88%, 86%
XYZ	30.8613, 16.3812, 6.5363
YIQ	89.0390, 102.8300, 52.7340

Conversions

Conversions Part 2

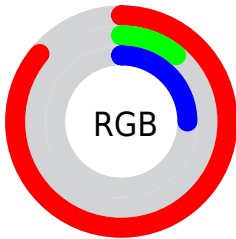
Format	Color
R_{YB}	220, 27, 65
Decimal	14424897
CIE Lab	47.47, 70.08, 31.12
CIE LCh	47, 76.679, 23.946
Yxy	16.3812, 0.5739, 0.3046
Android (android.graphics.Color)	4292614977 (0xFFDC1B41)
YUV	89.0390, -11.8512, 114.8528
Hunter-Lab	40.4737, 65.2778, 18.7565

Details

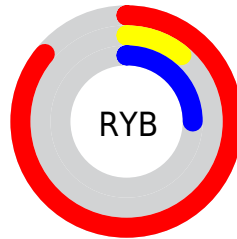
The XYZ color **30.8613, 16.3812, 6.5363** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **34.4917, 54.7979, 53.0282**, and the grayscale version is **9.5163, 10.0119, 10.9029**.

A 20% lighter version of the original color is **48.5883, 31.1876, 19.0817**, and **13.8650, 7.1298, 1.4560** is the 20% darker color. If you saturate the color by 10%, you get **30.0893, 15.5325, 4.1365**, and if you desaturate by 10%, it is **32.1630, 18.0337, 9.9028**.

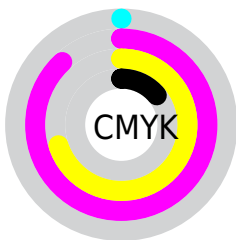
Distribution



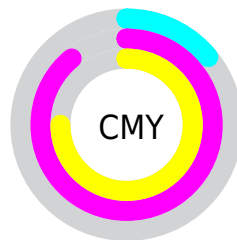
- Red (86%)
- Green (11%)
- Blue (25%)



- Red (86%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (88%)
- Yellow (70%)
- Black (14%)





- Cyan (14%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8613, 16.3812, 6.5363 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 30.8613, 16.3812, 6.5363 by changing the saturation by 10% instead.

 30.8613, 16.3812,
6.5363


 30.8613, 16.3812,
6.5363

297.7371,
231.5807, 173.2352


 20.6446, 9.7943,
3.0998


 60.3990, 37.2587,
19.5308

 12.9754, 5.2628,
1.1458


 80.4506, 52.3182,
29.9260


 7.4885, 2.4023,
0.0000


 104.5113, 70.9705,
43.4778

 3.8185, 0.8271,
0.0000

 132.9463, 93.6003,
60.6047

 1.6000, 0.0000,
0.0000

 166.1210,
120.5918, 81.7254

 0.3924, 0.0000,
0.0000

 204.4008,

 0.0000, 0.0000,

152.3294, 107.2583

0.0000

248.1511,
189.1976, 137.6221

■ 30.8613, 16.3812,
6.5363

■ 30.8613, 16.3812,
6.5363

■ 30.0893, 15.5325,
4.1365

■ 32.1630, 18.0337,
9.9028

■ 29.9565, 15.3921,
3.7059

■ 34.0866, 20.6519,
14.3330

■ 36.7023, 24.3569,
19.9102

■ 40.0700, 29.2512,
26.7085

■ 44.2432, 35.4254,
34.7960

■ 49.2703, 42.9614,
44.2355

■ 55.1960, 51.9341,
55.0854

■ 62.0617, 62.4129,
67.4011

■ 69.9062, 74.4629,
81.2345

Harmonies

Analogous

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



32.5541, 16.3812, 22.0903



30.8613, 16.3812, 6.5363



24.6159, 16.3812, 1.4532

Triad

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



30.8613, 16.3812, 6.5363



7.2029, 16.3812, 3.6187



14.2295, 16.3812, 87.1343

Complementary

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



30.8613, 16.3812, 6.5363



34.4917, 54.7979, 53.0282

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.



9.0658, 16.3812, 68.5621



30.8613, 16.3812, 6.5363



5.8426, 16.3812, 14.1669

Square

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



30.8613, 16.3812, 6.5363



10.8378, 16.3812, 0.8227



6.4081, 16.3812, 37.7919



21.5107, 16.3812, 78.7310

Rectangle

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



30.8613, 16.3812, 6.5363



19.4782, 16.3812, 0.5703



6.4081, 16.3812, 37.7919



12.2227, 16.3812, 83.5759

Sweetspot

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



30.8617, 16.3822, 6.5365



70.0039, 61.7786, 63.9551



32.4618, 15.8250, 69.0534



14.4147, 12.3658, 12.6339



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.



30.8617, 16.3822, 6.5365



41.8196, 21.4919, 4.9824



32.9551, 21.7788, 3.5052



13.1603, 13.0932, 14.1052



17.6127, 9.0461, 2.3405



1.1717, 0.5983, 0.3131

Inverse Universe

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



30.8617, 16.3822, 6.5365



41.8196, 21.4919, 4.9824



26.3100, 31.2790, 72.3605



13.1603, 13.0932, 14.1052



17.6127, 9.0461, 2.3405



1.1717, 0.5983, 0.3131

Previews

White Background



This preview shows how the XYZ color 30.8613, 16.3812, 6.5363 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 30.8613, 16.3812, 6.5363 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 30.8613, 16.3812, 6.5363

Background



This preview shows how black text looks on a background with the XYZ color 30.8613, 16.3812, 6.5363.



This preview shows how white text looks on a background with the XYZ color 30.8613, 16.3812,

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

30.8613, 16.3812, 6.5363

Protanopia

15.6712, 16.6115, 12.9700

Deuteranopia

16.8436, 16.5669, 5.8000



Tritanopia

30.0890, 16.3719, 3.0131

Trichromacy



Original Color

30.8613, 16.3812, 6.5363

Protanomaly

18.2889, 13.7270, 9.8693

Deuteranomaly

19.9219, 14.3325, 5.7194

Tritanomaly

30.2036, 16.2826, 4.0336

Monochromacy



Original Color

30.8613, 16.3812, 6.5363

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

13.7127, 9.7940, 8.7571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8613, 16.3812, 6.5363 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(220, 27, 65)` looks like.

```
.text, #text, p{  
    color:rgb(220, 27, 65)  
}
```

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(220, 27, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 27, 65) }
```

Border

The CSS property to change the border of an element to XYZ 30.8613, 16.3812, 6.5363 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(220, 27, 65) }
```


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

```
.border{ border-color:rgb(220, 27, 65) }
```

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

Here you see how a box with a 4 pixel rgb(220, 27, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 27, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 27, 65);  
box-shadow:4px 4px 4px 4px rgb(220, 27,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8613, 16.3812, 6.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 27, 65) }
```

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

```
.background{ background-color: rgb(220, 27,  
65) }
```

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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