

Converting Colors

XYZ(30.0619, 15.9337, 12.8073)

Have a look what the booklet for
XYZ(30.0619, 15.9337, 12.8073)
contains.

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Color

**XYZ(30.0625, 15.9377,
12.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	D51E61
RGB	213, 30, 97
RGB Percent	84%, 12%, 38%
CMY	0.1647, 0.8823, 0.6196
CMYK	0.00, 0.86, 0.54, 0.16
HSL	338°, 75%, 48%
HSV	338°, 86%, 84%
XYZ	30.0625, 15.9377, 12.8011
YIQ	92.3550, 87.5610, 59.6330

Conversions

Conversions Part 2

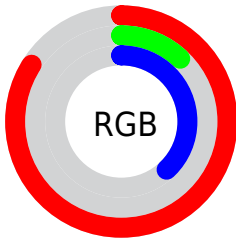
Format	Color
R_{YB}	213, 30, 97
Decimal	13966945
CIE _{Lab}	46.89, 69.58, 10.46
CIE _{LCh}	47, 70.361, 8.548
Yxy	15.9377, 0.5113, 0.2710
Android (android.graphics.Color)	4292157025 (0xFFD51E61)
YUV	92.3550, 2.2900, 105.8057
Hunter-Lab	39.9220, 64.5523, 8.9340

Details

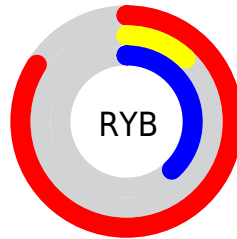
The XYZ color **30.0625, 15.9377, 12.8011** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **29.5198, 49.9405, 35.2851**, and the grayscale version is **10.2374, 10.7705, 11.7291**.

A 20% lighter version of the original color is **50.9683, 32.2903, 31.1501**, and **13.3600, 6.8183, 3.7439** is the 20% darker color. If you saturate the color by 10%, you get **29.1157, 14.9676, 9.6391**, and if you desaturate by 10%, it is **31.4802, 17.6785, 16.6490**.

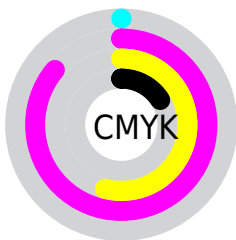
Distribution



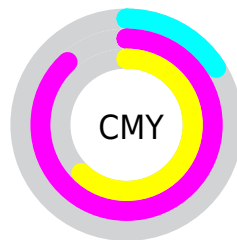
- Red (84%)
- Green (12%)
- Blue (38%)



- Red (84%)
- Yellow (12%)
- Blue (38%)



- Cyan (0%)
- Magenta (86%)
- Yellow (54%)
- Black (16%)





- Cyan (16%)
- Magenta (88%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0625, 15.9377, 12.8011 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 30.0625, 15.9377, 12.8011 by changing the saturation by 10% instead.

 30.0625, 15.9377,
12.8011


 30.0625, 15.9377,
12.8011


294.1003,
228.9738, 220.8019


 20.0343, 9.4801,
7.1626


 59.1470, 36.4900,
31.6319


 12.5284, 5.0556,
3.4840

 78.9340, 51.3535,
45.6613


 7.1794, 2.2799,
1.3468


 102.7046, 69.7877,
63.3248

 3.6219, 0.7631,
0.0997

 130.8243, 92.1771,
85.0409

 1.4905, 0.0000,
0.0000

 163.6583,
118.9060, 111.2280

 0.3194, 0.0000,
0.0000

 201.5721,

 0.0000, 0.0000,

150.3588, 142.3049

0.0000

244.9310,
186.9200, 178.6900

■ 30.0625, 15.9377,
12.8011

■ 30.0625, 15.9377,
12.8011

■ 29.1157, 14.9676,
9.6391

■ 31.4802, 17.6785,
16.6490

■ 28.8145, 14.6957,
8.5200

■ 33.4365, 20.3166,
21.2301

■ 35.9879, 23.9578,
26.5864

■ 39.1831, 28.6922,
32.7563

■ 43.0653, 34.5998,
39.7750

■ 47.6741, 41.7530,
47.6754

■ 53.0457, 50.2183,
56.4886

■ 59.2141, 60.0576,
66.2441

■ 66.2110, 71.3287,
76.9698

Harmonies

Analogous

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



28.9920, 15.9377, 32.8716



30.0625, 15.9377, 12.8011



26.3725, 15.9377, 3.6672

Triad

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



30.0625, 15.9377, 12.8011



8.9227, 15.9377, 2.0733



11.2310, 15.9377, 71.6040

Complementary

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



30.0625, 15.9377, 12.8011



29.5198, 49.9405, 35.2851

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.



7.6693, 15.9377, 48.0641



30.0625, 15.9377, 12.8011



6.6086, 15.9377, 7.6989

Square

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



30.0625, 15.9377, 12.8011



13.4619, 15.9377, 0.7879



6.2218, 15.9377, 22.8743



16.9700, 15.9377, 76.7789

Rectangle

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



30.0625, 15.9377, 12.8011



22.1740, 15.9377, 1.5443



6.2218, 15.9377, 22.8743



9.7896, 15.9377, 65.0660

Sweetspot

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



30.0629, 15.9386, 12.8013



71.3795, 62.3288, 71.1992



24.3124, 11.8360, 63.9537



14.7351, 12.4940, 14.3209



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.



30.0629, 15.9386, 12.8013



43.2311, 22.0564, 12.4150



29.0137, 16.9172, 2.9657



12.6093, 12.4952, 13.8828



17.6464, 8.9949, 5.4418



1.1035, 0.5582, 0.5347

Inverse Universe

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



30.0629, 15.9386, 12.8013



43.2311, 22.0564, 12.4150



30.6583, 41.3046, 69.3073



12.6093, 12.4952, 13.8828



17.6464, 8.9949, 5.4418



1.1035, 0.5582, 0.5347

Previews

White Background



This preview shows how the XYZ color 30.0625, 15.9377, 12.8011 looks on a white background.

Color Contrast Check

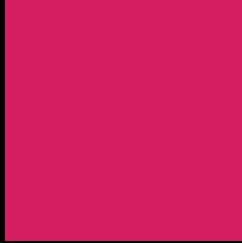
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0625, 15.9377, 12.8011 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 30.0625, 15.9377, 12.8011

Background



This preview shows how black text looks on a background with the XYZ color 30.0625, 15.9377, 12.8011.

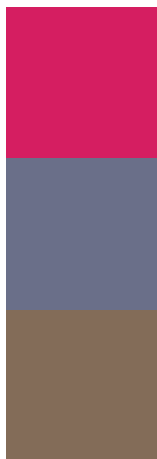


This preview shows how white text looks on a background with the XYZ color 30.0625, 15.9377,

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

30.0625, 15.9377, 12.8011

Protanopia

16.1437, 16.2392, 25.9505

Deuteranopia

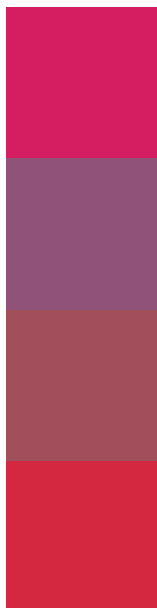
16.4841, 16.2550, 11.5012



Tritanopia

28.3541, 16.0081, 4.2848

Trichromacy



Original Color

30.0625, 15.9377, 12.8011

Protanomaly

18.2072, 13.4595, 20.0507

Deuteranomaly

19.4549, 14.0697, 11.5879

Tritanomaly

28.8643, 15.8963, 6.5480

Monochromacy



Original Color

30.0625, 15.9377, 12.8011

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

14.3018, 10.2986, 11.8237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0625, 15.9377, 12.8011 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, 30, 97)` looks like.

```
.text, #text, p{  
    color:rgb(213, 30, 97)  
}
```

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, 30, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 30, 97) }
```

Border

The CSS property to change the border of an element to XYZ 30.0625, 15.9377, 12.8011 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, 30, 97) }
```


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

```
.border{ border-color:rgb(213, 30, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 30, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 30, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 30, 97);  
box-shadow:4px 4px 4px 4px rgb(213, 30,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0625, 15.9377, 12.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 30, 97) }
```

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

```
.background{ background-color: rgb(213, 30,  
97) }
```

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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