

Converting Colors

XYZ(30.3464, 16.7217, 10.5301)

Have a look what the booklet for
XYZ(30.3464, 16.7217, 10.5301)
contains.

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Color

**XYZ(30.2751, 16.6958,
10.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	D62B56
RGB	214, 43, 86
RGB Percent	84%, 17%, 34%
CMY	0.1608, 0.8313, 0.6627
CMYK	0.00, 0.80, 0.60, 0.16
HSL	345°, 68%, 50%
HSV	345°, 80%, 84%
XYZ	30.2751, 16.6958, 10.4310
YIQ	99.0310, 88.1130, 49.6250

Conversions

Conversions Part 2

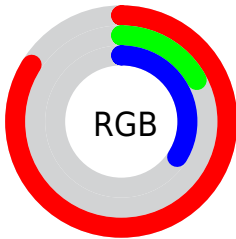
Format	Color
RYB	214, 43, 86
Decimal	14035798
CIELab	47.87, 66.15, 18.61
CIELCh	48, 68.718, 15.717
Yxy	16.6958, 0.5274, 0.2909
Android (android.graphics.Color)	4292225878 (0xFFD62B56)
YUV	99.0310, -6.4243, 100.8278
Hunter-Lab	40.8605, 60.7516, 13.4666

Details

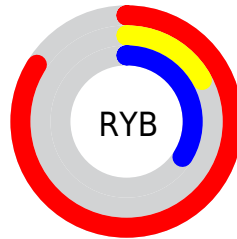
The XYZ color **30.2751, 16.6958, 10.4310** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **32.3953, 51.5475, 46.7775**, and the grayscale version is **11.8694, 12.4875, 13.5989**.

A 20% lighter version of the original color is **50.7672, 33.3173, 26.6768**, and **13.3668, 6.8426, 2.8067** is the 20% darker color. If you saturate the color by 10%, you get **29.1158, 15.2972, 7.2092**, and if you desaturate by 10%, it is **31.9875, 18.9695, 14.5512**.

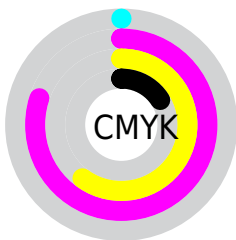
Distribution



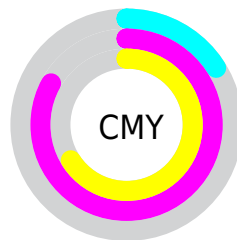
- Red (84%)
- Green (17%)
- Blue (34%)



- Red (84%)
- Yellow (17%)
- Blue (34%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2751, 16.6958, 10.4310 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 30.2751, 16.6958, 10.4310 by changing the saturation by 10% instead.


 30.2751, 16.6958,
10.4310

 30.2751, 16.6958,
10.4310


295.0715,
233.4132, 204.3164


 20.1966, 10.0178,
5.5763


 59.4806, 37.8020,
27.2235


 12.6471, 5.4108,
2.5246


 79.3383, 52.9990,
39.9983


 7.2613, 2.4902,
0.8532


 103.1865, 71.8046,
56.2503

 3.6738, 0.8717,
0.0000

 131.3905, 94.6030,
76.3980

 1.5193, 0.0000,
0.0000

 164.3156,
121.7786, 100.8599

 0.3389, 0.0000,
0.0000

 202.3273,

 0.0000, 0.0000,

153.7160, 130.0546

0.0000

245.7908,
190.7994, 164.4006

■ 30.2751, 16.6958,
10.4310

■ 30.2751, 16.6958,
10.4310

■ 29.1158, 15.2972,
7.2092

■ 31.9875, 18.9695,
14.5512

■ 28.3986, 14.5667,
4.8000

■ 34.3168, 22.2311,
19.6344

■ 28.3925, 14.5605,
4.7793

■ 37.3188, 26.5793,
25.7397

■ 41.0425, 32.0999,
32.9209

■ 45.5322, 38.8704,
41.2276

■ 50.8287, 46.9612,
50.7068

■ 56.9697, 56.4379,
61.4021

■ 63.9904, 67.3612,
73.3553

■ 71.9243, 79.7886,
86.6059

Harmonies

Analogous

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



30.3936, 16.6958, 27.9333



30.2751, 16.6958, 10.4310



25.6949, 16.6958, 3.0791

Triad

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



30.2751, 16.6958, 10.4310



8.7918, 16.6958, 3.2672



13.1142, 16.6958, 75.1183

Complementary

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



30.2751, 16.6958, 10.4310



32.3953, 51.5475, 46.7775

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.



8.9344, 16.6958, 55.0442



30.2751, 16.6958, 10.4310



6.9145, 16.6958, 11.0094

Square

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



30.2751, 16.6958, 10.4310



12.8628, 16.6958, 1.1578



6.9589, 16.6958, 29.0431



19.3101, 16.6958, 74.5521

Rectangle

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



30.2751, 16.6958, 10.4310



21.2741, 16.6958, 1.4577



6.9589, 16.6958, 29.0431



11.4667, 16.6958, 70.1861

Sweetspot

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



30.2755, 16.6968, 10.4313



72.0189, 64.3672, 69.0704



29.2365, 14.9531, 64.9631



14.8192, 12.8684, 13.7138



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.



30.2755, 16.6968, 10.4313



42.5120, 21.9459, 8.0822



31.2542, 20.6436, 4.6243



12.5501, 12.4715, 13.5708



17.1971, 8.8152, 3.0759



1.0708, 0.5451, 0.3623

Inverse Universe

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



30.2755, 16.6968, 10.4313



42.5120, 21.9459, 8.0822



28.2904, 35.6809, 69.0139



12.5501, 12.4715, 13.5708



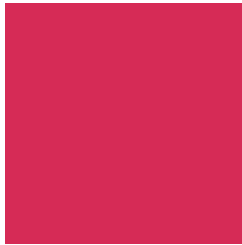
17.1971, 8.8152, 3.0759



1.0708, 0.5451, 0.3623

Previews

White Background



This preview shows how the XYZ color 30.2751, 16.6958, 10.4310 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 30.2751, 16.6958, 10.4310 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 30.2751, 16.6958, 10.4310

Background



This preview shows how black text looks on a background with the XYZ color 30.2751, 16.6958, 10.4310.



This preview shows how white text looks on a background with the XYZ color 30.2751, 16.6958,

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

30.2751, 16.6958, 10.4310

Protanopia

16.3576, 16.9875, 19.5563

Deuteranopia

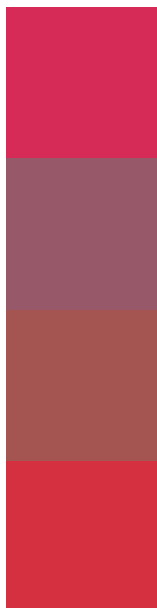
17.1603, 16.8057, 9.5471



Tritanopia

29.2442, 16.7617, 4.9428

Trichromacy



Original Color

30.2751, 16.6958, 10.4310

Protanomaly

18.8537, 14.5994, 15.4599

Deuteranomaly

20.2508, 15.0904, 9.6300

Tritanomaly

29.4229, 16.6302, 6.5097

Monochromacy



Original Color

30.2751, 16.6958, 10.4310

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

15.8009, 12.0628, 12.0852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2751, 16.6958, 10.4310 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, 43, 86)` looks like.

```
.text, #text, p{  
    color:rgb(214, 43, 86)  
}
```

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, 43, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 43, 86) }
```

Border

The CSS property to change the border of an element to XYZ 30.2751, 16.6958, 10.4310 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, 43, 86) }
```


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

```
.border{ border-color:rgb(214, 43, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 43, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 43, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 43, 86);  
box-shadow:4px 4px 4px 4px rgb(214, 43,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2751, 16.6958, 10.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 43, 86) }
```

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

```
.background{ background-color: rgb(214, 43,  
86) }
```

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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