

Converting Colors

XYZ(30.2529, 16.5209, 17.8140)

Have a look what the booklet for
XYZ(30.2529, 16.5209, 17.8140)
contains.

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Color

**XYZ(30.2529, 16.5209,
17.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	D12B73
RGB	209, 43, 115
RGB Percent	82%, 17%, 45%
CMY	0.1804, 0.8313, 0.5490
CMYK	0.00, 0.79, 0.45, 0.18
HSL	334°, 66%, 49%
HSV	334°, 79%, 82%
XYZ	30.2529, 16.5209, 17.8140
YIQ	100.8420, 75.8240, 57.5840

Conversions

Conversions Part 2

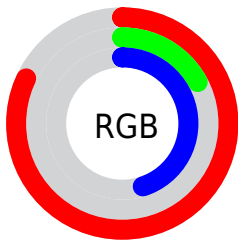
Format	Color
R_{YB}	209, 43, 115
Decimal	13708147
CIE _{Lab}	47.65, 67.03, 0.36
CIE _{LCh}	48, 67.031, 0.304
Yxy	16.5209, 0.4684, 0.2558
Android (android.graphics.Color)	4291898227 (0xFFD12B73)
YUV	100.8420, 6.9799, 94.8546
Hunter-Lab	40.6459, 61.7279, 2.4669

Details

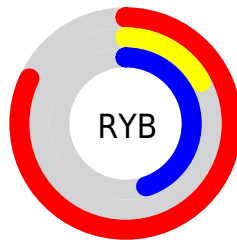
The XYZ color **30.2529, 16.5209, 17.8140** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28.3135, 47.9212, 31.4293**, and the grayscale version is **12.2994, 12.9399, 14.0916**.

A 20% lighter version of the original color is **53.3691, 34.3581, 40.3781**, and **13.4075, 6.7948, 5.9151** is the 20% darker color. If you saturate the color by 10%, you get **29.0400, 15.1160, 14.2624**, and if you desaturate by 10%, it is **31.9431, 18.7404, 21.9564**.

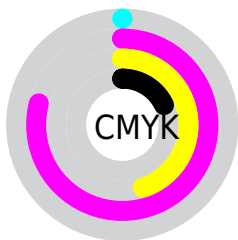
Distribution



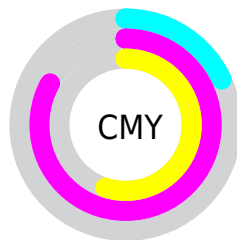
- Red (82%)
- Green (17%)
- Blue (45%)



- Red (82%)
- Yellow (17%)
- Blue (45%)



- Cyan (0%)
- Magenta (79%)
- Yellow (45%)
- Black (18%)





- Cyan (18%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2529, 16.5209, 17.8140 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 30.2529, 16.5209, 17.8140 by changing the saturation by 10% instead.

 30.2529, 16.5209,
17.8140


 30.2529, 16.5209,
17.8140


294.9702,
232.3961, 252.0214


 20.1797, 9.8935,
10.6485


 59.4458, 37.5002,
40.5298

 12.6347, 5.3284,
5.7198


 79.2961, 52.6208,
56.9171


 7.2528, 2.4412,
2.6094


 103.1362, 71.3414,
77.2155

 3.6684, 0.8470,
0.8973

 131.3314, 94.0462,
101.8434

 1.5163, 0.0000,
0.0000

 164.2470,
121.1197, 131.2194

 0.3369, 0.0000,
0.0000

202.2485,

 0.0000, 0.0000,

152.9463, 165.7620

0.0000

245.7011,
189.9103, 205.8898

■ 30.2529, 16.5209,
17.8140

■ 30.2529, 16.5209,
17.8140

■ 29.0400, 15.1160,
14.2624

■ 31.9431, 18.7404,
21.9564

■ 28.2102, 14.3426,
11.2536

■ 34.1646, 21.8775,
26.7228

■ 28.1673, 14.3044,
11.0931

■ 36.9650, 26.0228,
32.1437

■ 40.3862, 31.2553,
38.2471

■ 44.4657, 37.6458,
45.0590

■ 49.2381, 45.2593,
52.6038

■ 54.7354, 54.1559,
60.9044

■ 60.9877, 64.3915,
69.9830

■ 68.0231, 76.0190,
79.8604

Harmonies

Analogous

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



27.9726, 16.5209, 39.7573



30.2529, 16.5209, 17.8140



27.8829, 16.5209, 5.9556

Triad

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



30.2529, 16.5209, 17.8140



10.5816, 16.5209, 1.8995



10.6632, 16.5209, 64.5012

Complementary

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



30.2529, 16.5209, 17.8140



28.3135, 47.9212, 31.4293

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.



7.7145, 16.5209, 40.2739



30.2529, 16.5209, 17.8140



7.6765, 16.5209, 6.1018

Square

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



30.2529, 16.5209, 17.8140



15.6416, 16.5209, 1.0605



6.7762, 16.5209, 18.1640



15.7638, 16.5209, 75.1824

Rectangle

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



30.2529, 16.5209, 17.8140



24.2607, 16.5209, 2.6783



6.7762, 16.5209, 18.1640



9.4389, 16.5209, 57.1386

Sweetspot

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



30.2533, 16.5218, 17.8143



73.4509, 64.9400, 76.6112



22.2533, 11.4257, 61.3540



15.1584, 13.0040, 15.5001



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.



30.2533, 16.5218, 17.8143



44.6396, 22.8450, 19.1377



27.9283, 16.1249, 3.9272



12.0186, 11.8922, 13.3736



17.4147, 8.8387, 7.0898



1.0132, 0.5100, 0.6043

Inverse Universe

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



30.2533, 16.5218, 17.8143



44.6396, 22.8450, 19.1377



33.3223, 46.7511, 67.5891



12.0186, 11.8922, 13.3736



17.4147, 8.8387, 7.0898



1.0132, 0.5100, 0.6043

Previews

White Background



This preview shows how the XYZ color 30.2529, 16.5209, 17.8140 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 30.2529, 16.5209, 17.8140 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 30.2529, 16.5209, 17.8140

Background



This preview shows how black text looks on a background with the XYZ color 30.2529, 16.5209, 17.8140.



This preview shows how white text looks on a background with the XYZ color 30.2529, 16.5209,

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

30.2529, 16.5209, 17.8140

Protanopia

17.1617, 16.7553, 33.7821

Deuteranopia

16.9822, 16.7254, 16.2432



Tritanopia

27.8599, 16.5867, 6.1480

Trichromacy



Original Color

30.2529, 16.5209, 17.8140

Protanomaly

19.0311, 14.3149, 26.9593

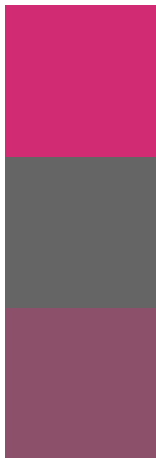
Deuteranomaly

20.0469, 14.9495, 16.5808

Tritanomaly

28.4904, 16.4057, 9.4496

Monochromacy



Original Color

30.2529, 16.5209, 17.8140

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

16.2854, 12.3534, 15.1618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2529, 16.5209, 17.8140 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(209, 43, 115)` looks like.

```
.text, #text, p{  
    color:rgb(209, 43, 115)  
}
```

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(209, 43, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 43, 115) }
```

Border

The CSS property to change the border of an element to XYZ 30.2529, 16.5209, 17.8140 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(209, 43, 115) }
```


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

```
.border{ border-color:rgb(209, 43, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 43, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 43, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 43, 115);  
box-shadow:4px 4px 4px 4px rgb(209, 43,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2529, 16.5209, 17.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 43, 115) }
```

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

```
.background{ background-color: rgb(209, 43,  
115) }
```

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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