

Converting Colors

XYZ(30.6346, 17.0574, 26.5312)

Have a look what the booklet for
XYZ(30.6346, 17.0574, 26.5312)
contains.

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Color

**XYZ(30.5902, 17.0459,
26.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	CB348C
RGB	203, 52, 140
RGB Percent	80%, 20%, 55%
CMY	0.2039, 0.7960, 0.4510
CMYK	0.00, 0.74, 0.31, 0.20
HSL	325°, 59%, 50%
HSV	325°, 74%, 80%
XYZ	30.5902, 17.0459, 26.4889
YIQ	107.1810, 61.7480, 59.3800

Conversions

Conversions Part 2

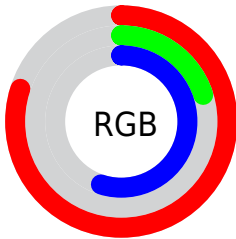
Format	Color
R_{YB}	203, 52, 140
Decimal	13317260
CIE _{Lab}	48.32, 65.42, -13.96
CIE _{LCh}	48, 66.891, 347.954
Yxy	17.0459, 0.4127, 0.2300
Android (android.graphics.Color)	4291507340 (0xFFCB348C)
YUV	107.1810, 16.1798, 84.0333
Hunter-Lab	41.2867, 60.0028, -9.1389

Details

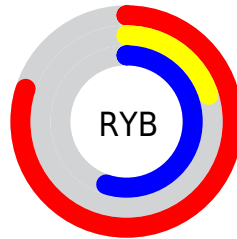
The XYZ color **30.5902, 17.0459, 26.4889** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **25.8677, 44.6803, 23.4831**, and the grayscale version is **13.9710, 14.6985, 16.0067**.

A 20% lighter version of the original color is **56.7718, 36.7434, 55.1389**, and **13.3471, 6.6675, 10.2563** is the 20% darker color. If you saturate the color by 10%, you get **29.2702, 15.3671, 23.0852**, and if you desaturate by 10%, it is **32.3487, 19.5244, 30.2763**.

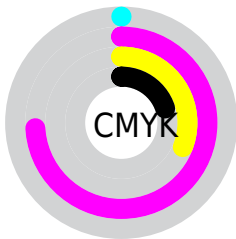
Distribution



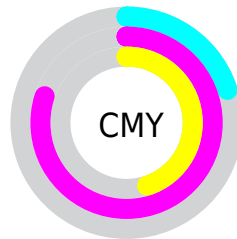
- Red (80%)
- Green (20%)
- Blue (55%)



- Red (80%)
- Yellow (20%)
- Blue (55%)



- Cyan (0%)
- Magenta (74%)
- Yellow (31%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5902, 17.0459, 26.4889 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 30.5902, 17.0459, 26.4889 by changing the saturation by 10% instead.

 30.5902, 17.0459,
26.4889


 30.5902, 17.0459,
26.4889


296.5066,
235.4367, 298.8554


 20.4373, 10.2672,
16.9607


 59.9745, 38.4047,
55.0563

 12.8234, 5.5765,
10.0448


 79.9367, 53.7536,
74.9327


 7.3832, 2.5893,
5.3227


 103.8993, 72.7280,
99.0955

 3.7514, 0.9213,
2.3758

 132.2277, 95.7123,
127.9633

 1.5624, 0.0000,
0.7732

 165.2873,
123.0910, 161.9546

 0.3677, 0.0000,
0.0000

203.4434,

 0.0000, 0.0000,

155.2483, 201.4881

0.0000

247.0614,
192.5688, 246.9821

■ 30.5902, 17.0459,
26.4889

■ 30.5902, 17.0459,
26.4889

■ 29.2702, 15.3671,
23.0852

■ 32.3487, 19.5244,
30.2763

■ 28.3320, 14.3770,
20.0405

■ 34.5895, 22.8891,
34.4666

■ 27.9165, 14.0117,
18.4663

■ 37.3526, 27.2182,
39.0785

■ 40.6732, 32.5803,
44.1283

■ 44.5832, 39.0380,
49.6315

■ 49.1121, 46.6487,
55.6024

■ 54.2874, 55.4659,
62.0546

■ 60.1347, 65.5395,
69.0011

■ 66.6784, 76.9168,
76.4542

Harmonies

Analogous

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



26.5642, 17.0459, 51.3649



30.5902, 17.0459, 26.4889



30.1148, 17.0459, 10.0126

Triad

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



30.5902, 17.0459, 26.4889



12.8488, 17.0459, 1.4365



9.5482, 17.0459, 56.3428

Complementary

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



30.5902, 17.0459, 26.4889



25.8677, 44.6803, 23.4831

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.



7.4100, 17.0459, 30.9578



30.5902, 17.0459, 26.4889



8.9599, 17.0459, 3.9297

Square

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



30.5902, 17.0459, 26.4889



18.7744, 17.0459, 1.2799



7.2259, 17.0459, 12.3961



13.8753, 17.0459, 74.5951

Rectangle

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



30.5902, 17.0459, 26.4889



27.3197, 17.0459, 4.6190



7.2259, 17.0459, 12.3961



8.6022, 17.0459, 47.8282

Sweetspot

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



30.5907, 17.0468, 26.4892



76.1481, 67.8639, 85.1266



19.0679, 10.4082, 57.5040



15.8794, 13.8257, 17.6525



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.



30.5907, 17.0468, 26.4892



48.0285, 24.6417, 35.6237



26.7994, 15.5303, 6.5244



11.4819, 11.3215, 13.0721



17.8122, 8.9355, 11.9957



0.9562, 0.4759, 0.8153

Inverse Universe

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



30.5907, 17.0468, 26.4892



48.0285, 24.6417, 35.6237



32.1126, 47.1782, 56.3686



11.4819, 11.3215, 13.0721



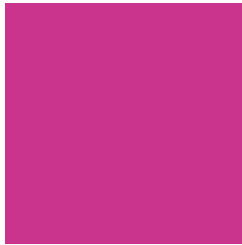
17.8122, 8.9355, 11.9957



0.9562, 0.4759, 0.8153

Previews

White Background



This preview shows how the XYZ color 30.5902, 17.0459, 26.4889 looks on a white background.

Color Contrast Check

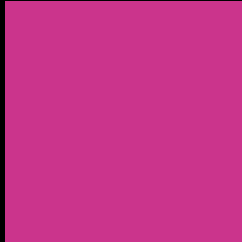
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5902, 17.0459, 26.4889 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 30.5902, 17.0459, 26.4889

Background



This preview shows how black text looks on a background with the XYZ color 30.5902, 17.0459, 26.4889.



This preview shows how white text looks on a background with the XYZ color 30.5902, 17.0459,

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

30.5902, 17.0459, 26.4889

Protanopia

18.6767, 17.3948, 47.7206

Deuteranopia

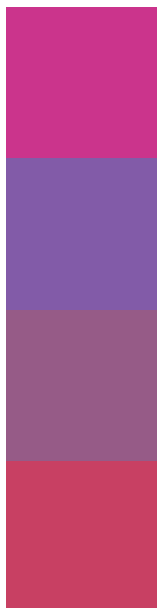
17.6777, 17.3981, 24.2563



Tritanopia

26.8119, 17.0202, 8.5287

Trichromacy



Original Color

30.5902, 17.0459, 26.4889

Protanomaly

20.0149, 15.0552, 38.8968

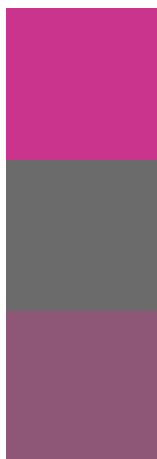
Deuteranomaly

20.6919, 15.7155, 24.8645

Tritanomaly

27.9049, 16.8470, 13.5854

Monochromacy



Original Color

30.5902, 17.0459, 26.4889

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.8933, 13.8991, 19.1925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5902, 17.0459, 26.4889 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(203, 52, 140)` looks like.

```
.text, #text, p{  
    color:rgb(203, 52, 140)  
}
```

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(203, 52, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 52, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.5902, 17.0459, 26.4889 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(203, 52, 140) }
```


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

```
.border{ border-color:rgb(203, 52, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 52, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 52, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 52, 140);  
box-shadow:4px 4px 4px 4px rgb(203, 52,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5902, 17.0459, 26.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 52, 140) }
```

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

```
.background{ background-color: rgb(203, 52,  
140) }
```

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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