

Converting Colors

XYZ(30.4710, 19.9800, 26.3848)

Have a look what the booklet for
XYZ(30.4710, 19.9800, 26.3848)
contains.

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Color

**XYZ(30.3416, 19.9341,
26.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	C3558A
RGB	195, 85, 138
RGB Percent	76%, 33%, 54%
CMY	0.2353, 0.6666, 0.4588
CMYK	0.00, 0.56, 0.29, 0.24
HSL	331°, 48%, 55%
HSV	331°, 56%, 76%
XYZ	30.3416, 19.9341, 26.2932
YIQ	123.9320, 48.5470, 39.8030

Conversions

Conversions Part 2

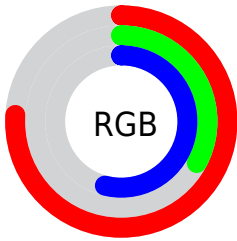
Format	Color
R_{YB}	195, 85, 138
Decimal	12801418
CIE _{Lab}	51.76, 49.64, -7.71
CIE _{LCh}	52, 50.235, 351.169
Yxy	19.9341, 0.3963, 0.2603
Android (android.graphics.Color)	4290991498 (0xFFC3558A)
YUV	123.9320, 6.9355, 62.3266
Hunter-Lab	44.6476, 43.1716, -3.6628

Details

The XYZ color **30.3416, 19.9341, 26.2932** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **28.1450, 42.9150, 32.3936**, and the grayscale version is **19.1026, 20.0974, 21.8861**.

A 20% lighter version of the original color is **59.5096, 43.2977, 54.5110**, and **12.6820, 6.9866, 9.9126** is the 20% darker color. If you saturate the color by 10%, you get **28.3146, 16.9969, 22.1744**, and if you desaturate by 10%, it is **32.8608, 23.7465, 30.9123**.

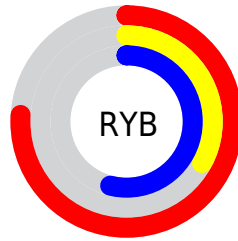
Distribution



Red (76%)

Green (33%)

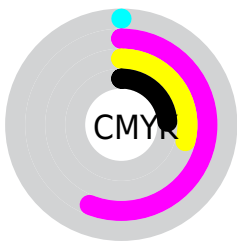
Blue (54%)



Red (76%)

Yellow (33%)

Blue (54%)

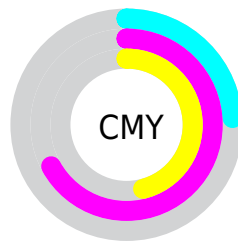


Cyan (0%)

Magenta (56%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (67%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3416, 19.9341, 26.2932 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 30.3416, 19.9341, 26.2932 by changing the saturation by 10% instead.


 30.3416, 19.9341,
26.2932


 30.3416, 19.9341,
26.2932


295.3748,
251.5581, 297.8696


 20.2474, 12.3471,
16.8154


 59.5849, 43.3067,
54.7375


 12.6843, 6.9806,
9.9424


 79.4647, 59.8611,
74.5410

 7.2870, 3.4499,
5.2557


 103.3371, 80.1734,
98.6235

 3.6902, 1.3709,
2.3367

 131.5673,
104.6281, 127.4035

 1.5284, 0.1951,
0.7517

164.5209,
133.6095, 161.2996

 0.3450, 0.0000,
0.0000

202.5631,

 0.0000, 0.0000,

167.5021, 200.7302

0.0000

246.0593,
206.6902, 246.1141

■ 30.3416, 19.9341,
26.2932

■ 30.3416, 19.9341,
26.2932

■ 28.3146, 16.9969,
22.1744

■ 32.8608, 23.7465,
30.9123

■ 26.7405, 14.8596,
18.5331

■ 35.9039, 28.4949,
36.0506

■ 25.5765, 13.4396,
15.3457

■ 39.5017, 34.2384,
41.7268

■ 24.7666, 12.6281,
12.5837

■ 43.6822, 41.0301,
47.9586

■ 24.5238, 12.4094,
11.6805

■ 48.4715, 48.9194,
54.7623

■ 53.8937, 57.9526,
62.1538

■ 59.9720, 68.1732,
70.1482

■ 66.7282, 79.6226,
78.7599

■ 72.4010, 88.7762,
87.4088

Harmonies

Analogous

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



27.6281, 19.9341, 44.4186



30.3416, 19.9341, 26.2932



29.6034, 19.9341, 13.0831

Triad

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



30.3416, 19.9341, 26.2932



15.6312, 19.9341, 4.6657



13.4542, 19.9341, 51.6358

Complementary

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



30.3416, 19.9341, 26.2932



28.1450, 42.9150, 32.3936

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.



11.2144, 19.9341, 33.4663



30.3416, 19.9341, 26.2932



12.3061, 19.9341, 8.4572

Square

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



30.3416, 19.9341, 26.2932



20.4876, 19.9341, 4.1289



10.8354, 19.9341, 17.6840



17.4852, 19.9341, 62.7900

Rectangle

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



30.3416, 19.9341, 26.2932



27.2998, 19.9341, 7.9990



10.8354, 19.9341, 17.6840



12.4993, 19.9341, 45.8439

Sweetspot

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



30.3422, 19.9351, 26.2936



77.5521, 72.3677, 84.8988



24.2266, 16.1745, 53.4749



16.6320, 15.2747, 18.0767



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.



30.3422, 19.9351, 26.2936



49.8894, 29.2944, 37.9065



27.5409, 19.0485, 10.8208



10.2708, 10.1569, 11.5166



15.9812, 8.0822, 7.8131



0.7253, 0.3631, 0.5210

Inverse Universe

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



30.3422, 19.9351, 26.2936



49.8894, 29.2944, 37.9065



32.7041, 44.0855, 58.4155



10.2708, 10.1569, 11.5166



15.9812, 8.0822, 7.8131



0.7253, 0.3631, 0.5210

Previews

White Background



This preview shows how the XYZ color 30.3416, 19.9341, 26.2932 looks on a white background.

Color Contrast Check

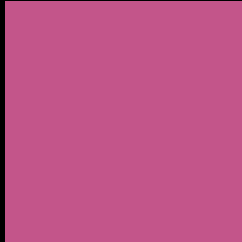
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.3416, 19.9341, 26.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

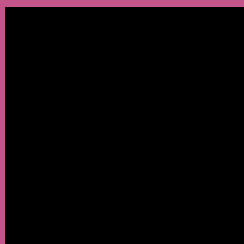
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3416, 19.9341, 26.2932

Background



This preview shows how black text looks on a background with the XYZ color 30.3416, 19.9341, 26.2932.



This preview shows how white text looks on a background with the XYZ color 30.3416, 19.9341,

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

30.3416, 19.9341, 26.2932

Protanopia

20.5039, 20.3210, 37.4920

Deuteranopia

20.3970, 20.0044, 24.6160



Tritanopia

27.9528, 19.9553, 14.4351

Trichromacy



Original Color

30.3416, 19.9341, 26.2932

Protanomaly

22.6291, 19.1100, 33.0678

Deuteranomaly

23.0783, 19.2052, 25.0449

Tritanomaly

28.6857, 19.8647, 18.2420

Monochromacy



Original Color

30.3416, 19.9341, 26.2932

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.1161, 19.2209, 23.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3416, 19.9341, 26.2932 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(195, 85, 138)` looks like.

```
.text, #text, p{  
    color:rgb(195, 85, 138)  
}
```

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(195, 85, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 85, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.3416, 19.9341, 26.2932 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(195, 85, 138) }
```


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

```
.border{ border-color:rgb(195, 85, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 85, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 85, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 85, 138);  
box-shadow:4px 4px 4px 4px rgb(195, 85,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3416, 19.9341, 26.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 85, 138) }
```

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

```
.background{ background-color: rgb(195, 85,  
138) }
```

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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