

Converting Colors

XYZ(29.9412, 18.6320, 26.4444)

Have a look what the booklet for XYZ(29.9412, 18.6320, 26.4444) contains.

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Color

**XYZ(29.9412, 18.6320,
26.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	C44B8B
RGB	196, 75, 139
RGB Percent	77%, 29%, 55%
CMY	0.2314, 0.7059, 0.4549
CMYK	0.00, 0.62, 0.29, 0.23
HSL	328°, 51%, 53%
HSV	328°, 62%, 77%
XYZ	29.9412, 18.6320, 26.4444
YIQ	118.4750, 51.5720, 45.5560

Conversions

Conversions Part 2

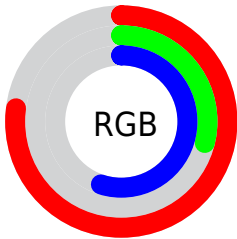
Format	Color
RYB	196, 75, 139
Decimal	12864395
CIELab	50.25, 54.63, -10.55
CIELCh	50, 55.643, 349.068
Yxy	18.6320, 0.3991, 0.2484
Android (android.graphics.Color)	4291054475 (0xFFC44B8B)
YUV	118.4750, 10.1188, 67.9894
Hunter-Lab	43.1648, 48.2779, -6.1080

Details

The XYZ color **29.9412, 18.6320, 26.4444** 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 **26.8074, 42.6421, 28.6499**, and the grayscale version is **17.3276, 18.2300, 19.8524**.

A 20% lighter version of the original color is **58.7371, 41.0310, 54.6932**, and **12.5375, 6.3839, 10.0226** is the 20% darker color. If you saturate the color by 10%, you get **28.1642, 16.1124, 22.6628**, and if you desaturate by 10%, it is **32.1857, 21.9951, 30.6633**.

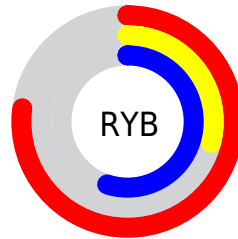
Distribution



Red (77%)

Green (29%)

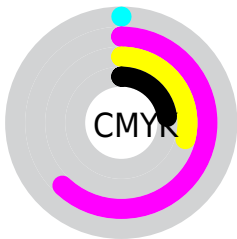
Blue (55%)



Red (77%)

Yellow (29%)

Blue (55%)

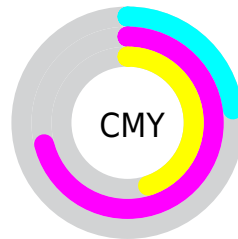


Cyan (0%)

Magenta (62%)

Yellow (29%)

Black (23%)



Cyan (23%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9412, 18.6320, 26.4444 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 29.9412, 18.6320, 26.4444 by changing the saturation by 10% instead.

■ 29.9412, 18.6320,
26.4444

■ 29.9412, 18.6320,
26.4444

293.5450,
244.4096, 298.6314

■ 19.9418, 11.4047,
16.9277

■ 58.9564, 41.1113,
54.9839

■ 12.4608, 6.3397,
10.0215

■ 78.7030, 57.1321,
74.8437

■ 7.1327, 3.0527,
5.3074

■ 102.4293, 76.8529,
98.9882

■ 3.5923, 1.1593,
2.3669

■ 130.5008,
100.6580, 127.8361

■ 1.4742, 0.0281,
0.7683

■ 163.2828,
128.9318, 161.8058

■ 0.3082, 0.0000,
0.0000

201.1405,

■ 0.0000, 0.0000,

162.0587, 201.3159

0.0000

244.4395,
200.4232, 246.7849

■ 29.9412, 18.6320,
26.4444

■ 29.9412, 18.6320,
26.4444

■ 28.1642, 16.1124,
22.6628

■ 32.1857, 21.9951,
30.6633

■ 26.8127, 14.3549,
19.2972

■ 34.9315, 26.2675,
35.3370

■ 25.8391, 13.2668,
16.3246

■ 38.2108, 31.5116,
40.4829

■ 25.2467, 12.7285,
14.1339

■ 42.0529, 37.7837,
46.1169

■ 46.4846, 45.1354,
52.2540

■ 51.5309, 53.6152,
58.9085

■ 57.2156, 63.2684,
66.0940

■ 63.5608, 74.1378,
73.8234

■ 70.5879, 86.2641,
82.1092

Harmonies

Analogous

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



26.7373, 18.6320, 46.5677



29.9412, 18.6320, 26.4444



29.4049, 18.6320, 12.0614

Triad

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



29.9412, 18.6320, 26.4444



14.5381, 18.6320, 3.1878



11.7562, 18.6320, 51.9377

Complementary

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



29.9412, 18.6320, 26.4444



26.8074, 42.6421, 28.6499

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.



9.6167, 18.6320, 31.5953



29.9412, 18.6320, 26.4444



10.9834, 18.6320, 6.4034

Square

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



29.9412, 18.6320, 26.4444



19.7456, 18.6320, 2.8811



9.3659, 18.6320, 15.1684



15.8178, 18.6320, 65.5359

Rectangle

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



29.9412, 18.6320, 26.4444



27.0231, 18.6320, 6.7519



9.3659, 18.6320, 15.1684



10.8268, 18.6320, 45.2943

Sweetspot

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



29.9417, 18.6330, 26.4447



78.0344, 71.5041, 86.1634



21.9135, 13.8816, 53.7490



16.2305, 14.5264, 17.7742



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.



29.9417, 18.6330, 26.4447



50.0983, 27.9486, 38.8806



26.6942, 17.3340, 9.3436



10.2908, 10.1649, 11.6218



16.2659, 8.1961, 9.3124



0.7374, 0.3680, 0.5846

Inverse Universe

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



29.9417, 18.6330, 26.4447



50.0983, 27.9486, 38.8806



32.1529, 44.7803, 56.7988



10.2908, 10.1649, 11.6218



16.2659, 8.1961, 9.3124



0.7374, 0.3680, 0.5846

Previews

White Background



This preview shows how the XYZ color 29.9412, 18.6320, 26.4444 looks on a white background.

Color Contrast Check

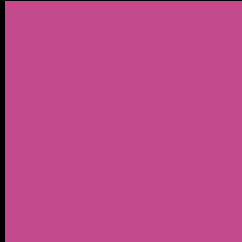
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9412, 18.6320, 26.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

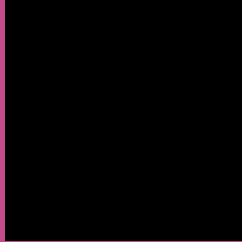
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9412, 18.6320, 26.4444

Background



This preview shows how black text looks on a background with the XYZ color 29.9412, 18.6320, 26.4444.



This preview shows how white text looks on a background with the XYZ color 29.9412, 18.6320,

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

29.9412, 18.6320, 26.4444

Protanopia

19.4656, 18.8247, 40.1437

Deuteranopia

19.1991, 18.8517, 24.8171



Tritanopia

26.9978, 18.6348, 12.2991

Trichromacy



Original Color

29.9412, 18.6320, 26.4444



Protanomaly

21.4042, 17.3746, 34.5733



Deuteranomaly

21.8870, 17.8313, 25.2099



Tritanomaly

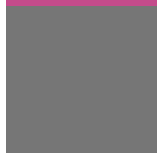
27.7699, 18.4762, 16.5706

Monochromacy



Original Color

29.9412, 18.6320, 26.4444



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

20.3713, 17.1201, 21.9695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9412, 18.6320, 26.4444 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(196, 75, 139)` looks like.

```
.text, #text, p{  
  color:rgb(196, 75, 139)  
}
```

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(196, 75, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 75, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.9412, 18.6320, 26.4444 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(196, 75, 139) }
```


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

```
.border{ border-color:rgb(196, 75, 139) }
```

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

Here you see how a box with a 4 pixel rgb(196, 75, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 75, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 75, 139);  
box-shadow:4px 4px 4px 4px rgb(196, 75,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9412, 18.6320, 26.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 75, 139) }
```

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

```
.background{ background-color: rgb(196, 75,  
139) }
```

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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