

Converting Colors

XYZ(32.7625, 19.1011, 26.9073)

Have a look what the booklet for
XYZ(32.7625, 19.1011, 26.9073)
contains.

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Color

**XYZ(32.5794, 18.9701,
26.7554)**

Conversions

Conversions Part 1

Format	Color
Hex	D0408C
RGB	208, 64, 140
RGB Percent	82%, 25%, 55%
CMY	0.1843, 0.7490, 0.4510
CMYK	0.00, 0.69, 0.33, 0.18
HSL	328°, 61%, 53%
HSV	328°, 69%, 82%
XYZ	32.5794, 18.9701, 26.7554
YIQ	115.7200, 61.4280, 54.1640

Conversions

Conversions Part 2

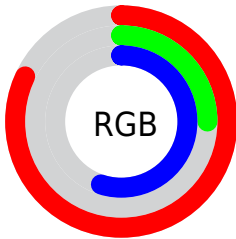
Format	Color
RYB	208, 64, 140
Decimal	13648012
CIELab	50.65, 62.63, -10.35
CIELCh	51, 63.478, 350.614
Yxy	18.9701, 0.4161, 0.2423
Android (android.graphics.Color)	4291838092 (0xFFD0408C)
YUV	115.7200, 11.9700, 80.9296
Hunter-Lab	43.5547, 57.2994, -5.9332

Details

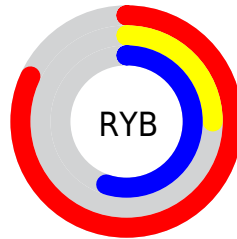
The XYZ color **32.5794, 18.9701, 26.7554** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **28.8362, 47.8682, 29.5524**, and the grayscale version is **16.4673, 17.3249, 18.8668**.

A 20% lighter version of the original color is **57.9371, 39.0741, 55.5274**, and **14.2399, 7.1277, 10.2981** is the 20% darker color. If you saturate the color by 10%, you get **30.9251, 16.7693, 22.7885**, and if you desaturate by 10%, it is **34.7367, 22.0731, 31.2093**.

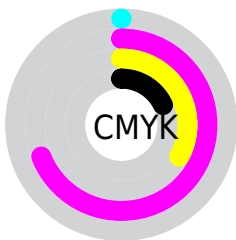
Distribution



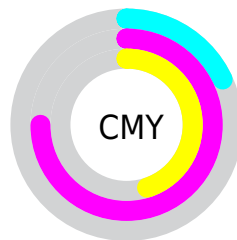
- Red (82%)
- Green (25%)
- Blue (55%)



- Red (82%)
- Yellow (25%)
- Blue (55%)



- Cyan (0%)
- Magenta (69%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5794, 18.9701, 26.7554 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 32.5794, 18.9701, 26.7554 by changing the saturation by 10% instead.

 32.5794, 18.9701,
26.7554

 32.5794, 18.9701,
26.7554


305.4488,
246.2836, 300.1935


 21.9621, 11.6487,
17.1588


 63.0774, 41.6836,
55.4901


 13.9455, 6.5049,
10.1846


 83.6888, 57.8444,
75.4652


 8.1642, 3.1545,
5.4143

 108.3623, 77.7205,
99.7370

 4.2529, 1.2129,
2.4294

 137.4633,
101.6962, 128.7238

 1.8462, 0.0722,
0.8024

 171.3571,
130.1560, 162.8444

 0.5453, 0.0000,
0.0000

210.4090,

 0.0000, 0.0000,

163.4843, 202.5171

0.0000

254.9845,
202.0653, 248.1607

■ 32.5794, 18.9701,
26.7554

■ 32.5794, 18.9701,
26.7554

■ 30.9251, 16.7693,
22.7885

■ 34.7367, 22.0731,
31.2093

■ 29.7190, 15.3642,
19.2817

■ 37.4404, 26.1631,
36.1722

■ 28.8734, 14.5822,
16.1971

■ 40.7311, 31.3185,
41.6655

■ 28.8145, 14.5307,
15.9730

■ 44.6448, 37.6087,
47.7087

■ 49.2143, 45.0974,
54.3199

■ 54.4703, 53.8433,
61.5163

■ 60.4413, 63.9015,
69.3143

■ 67.1543, 75.3237,
77.7294

■ 74.6347, 88.1586,
86.7766

Harmonies

Analogous

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



28.9350, 18.9701, 50.8770



32.5794, 18.9701, 26.7554



31.6898, 18.9701, 10.7961

Triad

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



32.5794, 18.9701, 26.7554



14.1416, 18.9701, 2.3272



11.4603, 18.9701, 60.0116

Complementary

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



32.5794, 18.9701, 26.7554



28.8362, 47.8682, 29.5524

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.



8.9980, 18.9701, 35.2015



32.5794, 18.9701, 26.7554



10.2809, 18.9701, 5.6591

Square

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



32.5794, 18.9701, 26.7554



20.0507, 18.9701, 1.9459



8.6226, 18.9701, 15.5608



16.1508, 18.9701, 76.1731

Rectangle

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



32.5794, 18.9701, 26.7554



28.7100, 18.9701, 5.4254



8.6226, 18.9701, 15.5608



10.3945, 18.9701, 51.9087

Sweetspot

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



32.5800, 18.9711, 26.7557



76.4741, 68.9404, 83.9266



22.6108, 13.0635, 61.0043



15.9254, 14.0278, 17.3284



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.



32.5800, 18.9711, 26.7557



48.0372, 25.3815, 33.3991



28.9145, 17.5049, 7.4539



12.0657, 11.9110, 13.6217



18.0081, 9.0761, 10.2145



1.0468, 0.5235, 0.7815

Inverse Universe

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



32.5800, 18.9711, 26.7557



48.0372, 25.3815, 33.3991



35.4742, 50.5234, 64.5074



12.0657, 11.9110, 13.6217



18.0081, 9.0761, 10.2145



1.0468, 0.5235, 0.7815

Previews

White Background



This preview shows how the XYZ color 32.5794, 18.9701, 26.7554 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 32.5794, 18.9701, 26.7554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

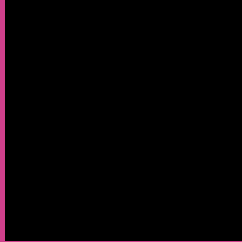
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5794, 18.9701, 26.7554

Background



This preview shows how black text looks on a background with the XYZ color 32.5794, 18.9701, 26.7554.



This preview shows how white text looks on a background with the XYZ color 32.5794, 18.9701,

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

32.5794, 18.9701, 26.7554

Protanopia

20.1122, 19.2328, 44.7718

Deuteranopia

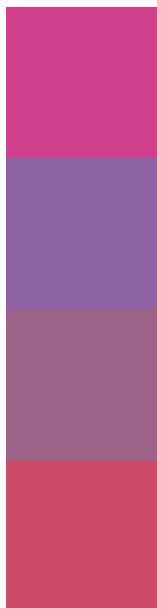
19.5454, 19.2120, 24.5079



Tritanopia

29.2592, 19.0539, 10.3192

Trichromacy



Original Color

32.5794, 18.9701, 26.7554

Protanomaly

22.1472, 17.2667, 37.2875

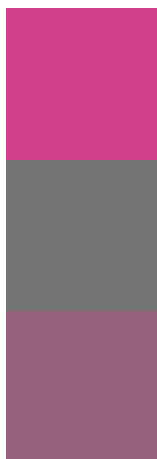
Deuteranomaly

22.6455, 17.6527, 25.1354

Tritanomaly

30.1243, 18.8762, 15.1524

Monochromacy



Original Color

32.5794, 18.9701, 26.7554

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

20.3708, 16.4196, 21.4977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5794, 18.9701, 26.7554 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(208, 64, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 64, 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(208, 64, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 64, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.5794, 18.9701, 26.7554 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(208, 64, 140) }
```


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

```
.border{ border-color:rgb(208, 64, 140) }
```

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

Here you see how a box with a 4 pixel rgb(208, 64, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 64, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 64, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 64,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5794, 18.9701, 26.7554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 64, 140) }
```

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

```
.background{ background-color: rgb(208, 64,  
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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