

Converting Colors

XYZ(32.3146, 17.2126, 26.2476)

Have a look what the booklet for
XYZ(32.3146, 17.2126, 26.2476)
contains.

XYZ(32.3231, 17.1934, 26.4260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.3231, 17.1934,
26.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	D3278C
RGB	211, 39, 140
RGB Percent	83%, 15%, 55%
CMY	0.1725, 0.8470, 0.4510
CMYK	0.00, 0.82, 0.34, 0.17
HSL	325°, 69%, 49%
HSV	325°, 82%, 83%
XYZ	32.3231, 17.1934, 26.4260
YIQ	101.9420, 70.0910, 67.8750

Conversions

Conversions Part 2

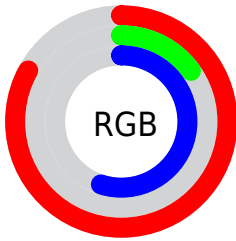
Format	Color
R_{YB}	211, 39, 140
Decimal	13838220
CIE _{Lab}	48.50, 70.97, -13.54
CIE _{LCh}	49, 72.253, 349.197
Yxy	17.1934, 0.4256, 0.2264
Android (android.graphics.Color)	4292028300 (0xFFD3278C)
YUV	101.9420, 18.7626, 95.6439
Hunter-Lab	41.4649, 66.5823, -8.7606

Details

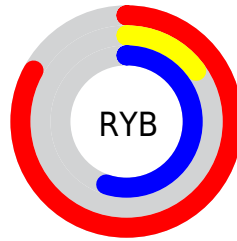
The XYZ color **32.3231, 17.1934, 26.4260** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **26.9468, 48.1462, 22.6288**, and the grayscale version is **12.5558, 13.2097, 14.3853**.

A 20% lighter version of the original color is **56.0292, 35.2582, 54.8914**, and **14.6080, 7.3175, 10.3154** is the 20% darker color. If you saturate the color by 10%, you get **31.1953, 15.9253, 23.0056**, and if you desaturate by 10%, it is **33.8876, 19.2533, 30.2431**.

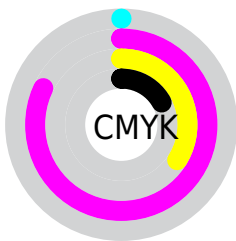
Distribution



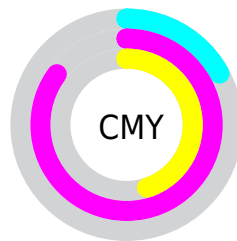
- Red (83%)
- Green (15%)
- Blue (55%)



- Red (83%)
- Yellow (15%)
- Blue (55%)



- Cyan (0%)
- Magenta (82%)
- Yellow (34%)
- Black (17%)





- Cyan (17%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3231, 17.1934, 26.4260 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 32.3231, 17.1934, 26.4260 by changing the saturation by 10% instead.


 32.3231, 17.1934,
26.4260

 32.3231, 17.1934,
26.4260


304.3077,
236.2844, 298.5388

 21.7651, 10.3725,
16.9140


 62.6790, 38.6580,
54.9539

 13.8001, 5.6466,
10.0119


 83.2078, 54.0705,
74.8068


 8.0625, 2.6314,
5.3011


 107.7908, 73.1156,
98.9439

 4.1871, 0.9425,
2.3632

 136.7934, 96.1777,
127.7835

 1.8085, 0.0000,
0.7663

 170.5811,
123.6413, 161.7443

 0.5228, 0.0000,
0.0000

 209.5191,

 0.0000, 0.0000,

155.8906, 201.2447

0.0000

253.9728,
193.3102, 246.7034

■ 32.3231, 17.1934,
26.4260

■ 32.3231, 17.1934,
26.4260

■ 31.1953, 15.9253,
23.0056

■ 33.8876, 19.2533,
30.2431

■ 30.4954, 15.3014,
20.3799

■ 35.9442, 22.2144,
34.4807

■ 38.5414, 26.1716,
39.1602

■ 41.7209, 31.2069,
44.3011

■ 45.5203, 37.3937,
49.9208

■ 49.9739, 44.7989,
56.0357

■ 55.1134, 53.4844,
62.6613

■ 60.9683, 63.5078,
69.8121

■ 67.5664, 74.9230,
77.5019

Harmonies

Analogous

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



28.0076, 17.1934, 54.1189



32.3231, 17.1934, 26.4260



31.5684, 17.1934, 9.1032

Triad

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



32.3231, 17.1934, 26.4260



12.5002, 17.1934, 1.0803



9.3502, 17.1934, 62.1511

Complementary

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



32.3231, 17.1934, 26.4260



26.9468, 48.1462, 22.6288

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.



7.0211, 17.1934, 33.4646



32.3231, 17.1934, 26.4260



8.4704, 17.1934, 3.5675

Square

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



32.3231, 17.1934, 26.4260



18.8479, 17.1934, 0.8846



6.7499, 17.1934, 12.6809



14.0683, 17.1934, 82.3010

Rectangle

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



32.3231, 17.1934, 26.4260



28.3374, 17.1934, 3.8331



6.7499, 17.1934, 12.6809



8.3232, 17.1934, 52.5454

Sweetspot

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



32.3236, 17.1943, 26.4263



74.7331, 65.4529, 83.3629



18.6450, 9.3313, 62.4464



15.4654, 13.1268, 17.1168



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.



32.3236, 17.1943, 26.4263



46.9494, 23.6323, 31.7221



28.3090, 15.5885, 5.2856



12.0957, 11.9230, 13.7799



18.4560, 9.2552, 12.5735



1.0709, 0.5331, 0.9082

Inverse Universe

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



32.3236, 17.1943, 26.4263



46.9494, 23.6323, 31.7221



33.8468, 50.9063, 58.9641



12.0957, 11.9230, 13.7799



18.4560, 9.2552, 12.5735



1.0709, 0.5331, 0.9082

Previews

White Background



This preview shows how the XYZ color 32.3231, 17.1934, 26.4260 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 32.3231, 17.1934, 26.4260 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 32.3231, 17.1934, 26.4260

Background



This preview shows how black text looks on a background with the XYZ color 32.3231, 17.1934, 26.4260.



This preview shows how white text looks on a background with the XYZ color 32.3231, 17.1934,

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

32.3231, 17.1934, 26.4260

Protanopia

19.1676, 17.7275, 51.7017

Deuteranopia

17.7476, 17.4420, 23.9040



Tritanopia

28.3304, 17.2060, 7.2967

Trichromacy



Original Color

32.3231, 17.1934, 26.4260



Protanomaly

20.2147, 14.6202, 40.7863



Deuteranomaly

20.7677, 15.1491, 24.3837



Tritanomaly

29.3990, 16.9504, 12.3119

Monochromacy



Original Color

32.3231, 17.1934, 26.4260



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

17.1037, 12.6037, 18.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3231, 17.1934, 26.4260 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(211, 39, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 39, 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(211, 39, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 39, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.3231, 17.1934, 26.4260 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(211, 39, 140) }
```


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

```
.border{ border-color:rgb(211, 39, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 39, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 39, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 39, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 39,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3231, 17.1934, 26.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 39, 140) }
```

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

```
.background{ background-color: rgb(211, 39,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor