

Converting Colors

XYZ(32.1147, 19.2876, 28.1556)

Have a look what the booklet for
XYZ(32.1147, 19.2876, 28.1556)
contains.

XYZ(32.1130, 19.3270, 28.0245)	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(32.1130, 19.3270,
28.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	CC478F
RGB	204, 71, 143
RGB Percent	80%, 28%, 56%
CMY	0.2000, 0.7215, 0.4392
CMYK	0.00, 0.65, 0.30, 0.20
HSL	328°, 57%, 54%
HSV	328°, 65%, 80%
XYZ	32.1130, 19.3270, 28.0245
YIQ	118.9750, 56.1560, 50.5880

Conversions

Conversions Part 2

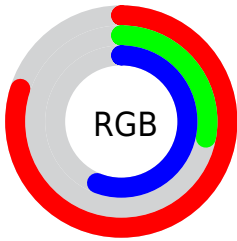
Format	Color
R_{YB}	204, 71, 143
Decimal	13387663
CIE _{Lab}	51.07, 59.16, -11.59
CIE _{LCh}	51, 60.284, 348.919
Yxy	19.3270, 0.4041, 0.2432
Android (android.graphics.Color)	4291577743 (0xFFCC478F)
YUV	118.9750, 11.8443, 74.5669
Hunter-Lab	43.9625, 53.4534, -7.0215

Details

The XYZ color **32.1130, 19.3270, 28.0245** 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 **28.3574, 46.1919, 29.2538**, and the grayscale version is **17.4789, 18.3891, 20.0258**.

A 20% lighter version of the original color is **58.9074, 40.4700, 57.5300**, and **13.8298, 6.9013, 10.9591** is the 20% darker color. If you saturate the color by 10%, you get **30.3469, 16.8822, 24.0832**, and if you desaturate by 10%, it is **34.3747, 22.6682, 32.4230**.

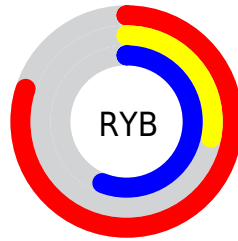
Distribution



Red (80%)

Green (28%)

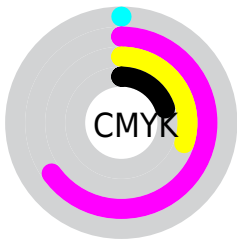
Blue (56%)



Red (80%)

Yellow (28%)

Blue (56%)

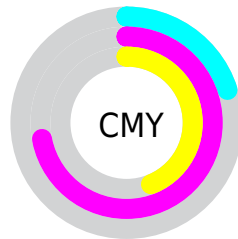


Cyan (0%)

Magenta (65%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (72%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1130, 19.3270, 28.0245 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 32.1130, 19.3270, 28.0245 by changing the saturation by 10% instead.


 32.1130, 19.3270,
28.0245


 32.1130, 19.3270,
28.0245


303.3698,
248.2481, 306.4996


 21.6038, 11.9068,
18.1049


 62.3522, 42.2859,
57.5471


 13.6810, 6.6802,
10.8551


 82.8129, 58.5934,
77.9873


 7.9794, 3.2629,
5.8566


 107.3215, 78.6322,
102.7713

 4.1334, 1.2705,
2.6907

 136.2433,
102.7865, 132.3179

 1.7779, 0.1182,
0.9387

 169.9436,
131.4409, 167.0454

 0.5043, 0.0000,
0.0000

208.7880,

 0.0000, 0.0000,

164.9797, 207.3725

0.0000

253.1416,
203.7873, 253.7177

■ 32.1130, 19.3270,
28.0245

■ 32.1130, 19.3270,
28.0245

■ 30.3469, 16.8822,
24.0832

■ 34.3747, 22.6682,
32.4230

■ 29.0277, 15.2390,
20.5754

■ 37.1711, 26.9818,
37.2982

■ 28.0988, 14.2865,
17.4750

■ 40.5388, 32.3392,
42.6691

■ 27.7399, 13.9726,
16.1102

■ 44.5109, 38.8044,
48.5529

■ 49.1177, 46.4357,
54.9662

■ 54.3874, 55.2879,
61.9242

■ 60.3464, 65.4118,
69.4418

■ 67.0199, 76.8557,
77.5329

■ 74.4313, 89.6651,
86.2110

Harmonies

Analogous

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



28.4653, 19.3270, 50.9268



32.1130, 19.3270, 28.0245



31.5266, 19.3270, 12.0747

Triad

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



32.1130, 19.3270, 28.0245



14.8899, 19.3270, 2.7397



11.8055, 19.3270, 56.8789

Complementary

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



32.1130, 19.3270, 28.0245



28.3574, 46.1919, 29.2538

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.



9.5020, 19.3270, 33.6205



32.1130, 19.3270, 28.0245



10.9975, 19.3270, 5.9793

Square

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



32.1130, 19.3270, 28.0245



20.6682, 19.3270, 2.4514



9.2424, 19.3270, 15.3308



16.2483, 19.3270, 72.6855

Rectangle

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



32.1130, 19.3270, 28.0245



28.8401, 19.3270, 6.3999



9.2424, 19.3270, 15.3308



10.8007, 19.3270, 49.2312

Sweetspot

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



32.1136, 19.3280, 28.0248



77.3427, 70.2497, 85.5353



22.4903, 13.6807, 58.5822



16.0994, 14.2842, 17.6689



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.



32.1136, 19.3280, 28.0248



49.3391, 26.7701, 37.5800



28.5185, 17.8900, 9.0934



11.4620, 11.3135, 12.9677



17.5073, 8.8135, 10.3901



0.9412, 0.4699, 0.7363

Inverse Universe

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



32.1136, 19.3280, 28.0248



49.3391, 26.7701, 37.5800



34.3103, 48.5730, 60.6014



11.4620, 11.3135, 12.9677



17.5073, 8.8135, 10.3901



0.9412, 0.4699, 0.7363

Previews

White Background



This preview shows how the XYZ color 32.1130, 19.3270, 28.0245 looks on a white background.

Color Contrast Check

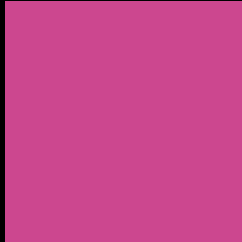
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1130, 19.3270, 28.0245 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 32.1130, 19.3270, 28.0245

Background



This preview shows how black text looks on a background with the XYZ color 32.1130, 19.3270, 28.0245.



This preview shows how white text looks on a background with the XYZ color 32.1130, 19.3270,

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

32.1130, 19.3270, 28.0245

Protanopia

20.4613, 19.5904, 44.8224

Deuteranopia

19.9428, 19.5604, 26.0170



Tritanopia

28.8352, 19.3582, 11.8896

Trichromacy



Original Color

32.1130, 19.3270, 28.0245

Protanomaly

22.3581, 17.7948, 37.8536

Deuteranomaly

23.1219, 18.4347, 26.7657

Tritanomaly

29.6437, 19.1136, 16.5949

Monochromacy



Original Color

32.1130, 19.3270, 28.0245

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

21.2253, 17.5453, 22.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1130, 19.3270, 28.0245 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(204, 71, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 71, 143)  
}
```

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(204, 71, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 71, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.1130, 19.3270, 28.0245 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(204, 71, 143) }
```


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

```
.border{ border-color:rgb(204, 71, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 71, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 71, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 71, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 71,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1130, 19.3270, 28.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 71, 143) }
```

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

```
.background{ background-color: rgb(204, 71,  
143) }
```

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