

Converting Colors

XYZ(32.1073, 19.0110, 27.6231)

Have a look what the booklet for
XYZ(32.1073, 19.0110, 27.6231)
contains.

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Color

**XYZ(32.1264, 19.0664,
27.5781)**

Conversions

Conversions Part 1	
Format	Color
Hex	CD448E
RGB	205, 68, 142
RGB Percent	80%, 27%, 56%
CMY	0.1961, 0.7333, 0.4431
CMYK	0.00, 0.67, 0.31, 0.20
HSL	328°, 58%, 54%
HSV	328°, 67%, 80%
XYZ	32.1264, 19.0664, 27.5781
YIQ	117.3990, 57.8980, 52.0580

Conversions

Conversions Part 2

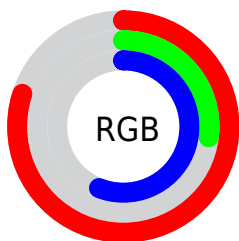
Format	Color
RYB	205, 68, 142
Decimal	13452430
CIELab	50.76, 60.51, -11.43
CIELCh	51, 61.583, 349.304
Yxy	19.0664, 0.4078, 0.2420
Android (android.graphics.Color)	4291642510 (0xFFCD448E)
YUV	117.3990, 12.1283, 76.8261
Hunter-Lab	43.6651, 54.9167, -6.8810

Details

The XYZ color **32.1264, 19.0664, 27.5781** 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 **28.3131, 46.5308, 28.9646**, and the grayscale version is **16.9843, 17.8688, 19.4591**.

A 20% lighter version of the original color is **58.5374, 39.9128, 56.8432**, and **13.9644, 6.9758, 10.7357** is the 20% darker color. If you saturate the color by 10%, you get **30.4180, 16.7347, 23.6628**, and if you desaturate by 10%, it is **34.3292, 22.2906, 31.9539**.

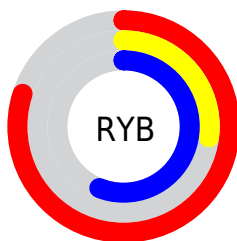
Distribution



Red (80%)

Green (27%)

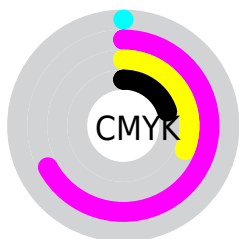
Blue (56%)



Red (80%)

Yellow (27%)

Blue (56%)

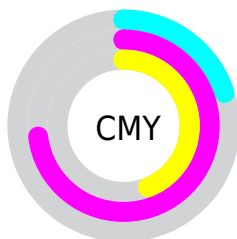


Cyan (0%)

Magenta (67%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (73%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1264, 19.0664, 27.5781 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 32.1264, 19.0664, 27.5781 by changing the saturation by 10% instead.

 32.1264, 19.0664,
27.5781


 32.1264, 19.0664,
27.5781


303.4297,
246.8151, 304.2936


 21.6141, 11.7183,
17.7716


 62.3730, 41.8463,
56.8251


 13.6886, 6.5521,
10.6184


 82.8381, 58.0468,
77.1027


 7.9847, 3.1836,
5.6999


 107.3514, 77.9669,
101.7078

 4.1369, 1.2283,
2.5977

 136.2784,
101.9910, 131.0588

 1.7798, 0.0847,
0.8913

 169.9843,
130.5035, 165.5744

 0.5055, 0.0000,
0.0000


208.8346,


 0.0000, 0.0000,


163.8887, 205.6730


0.0000


253.1946,
202.5311, 251.7732


 32.1264, 19.0664,
27.5781


 32.1264, 19.0664,
27.5781


 30.4180, 16.7347,
23.6628


 34.3292, 22.2906,
31.9539


 29.1532, 15.1971,
20.1834

 37.0666, 26.4863,
36.8102


 28.2687, 14.3289,
17.1113


 40.3767, 31.7269,
42.1665


 28.0309, 14.1208,
16.2078


 44.2933, 38.0780,
48.0408

 48.8473, 45.5997,
54.4498

 54.0679, 54.3478,
61.4092

 59.9819, 64.3744,
68.9341

 66.6150, 75.7287,
77.0389

 73.9913, 88.4573,
85.7374

Harmonies

Analogous

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



28.4514, 19.0664, 50.9453



32.1264, 19.0664, 27.5781



31.4689, 19.0664, 11.5784

Triad

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



32.1264, 19.0664, 27.5781



14.5416, 19.0664, 2.5193



11.5454, 19.0664, 57.6544

Complementary

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



32.1264, 19.0664, 27.5781



28.3131, 46.5308, 28.9646

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.



9.2103, 19.0664, 33.8379



32.1264, 19.0664, 27.5781



10.6550, 19.0664, 5.7320

Square

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



32.1264, 19.0664, 27.5781



20.3681, 19.0664, 2.2152



8.9255, 19.0664, 15.1700



16.0475, 19.0664, 73.7278

Rectangle

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



32.1264, 19.0664, 27.5781



28.6974, 19.0664, 5.9988



8.9255, 19.0664, 15.1700



10.5281, 19.0664, 49.8261

Sweetspot

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



32.1270, 19.0674, 27.5784



77.3340, 70.2462, 85.4893



22.2401, 13.2616, 59.1451



16.0973, 14.2833, 17.6579



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.



32.1270, 19.0674, 27.5784



48.8731, 26.2074, 36.2863



28.5096, 17.6205, 8.5296



11.4615, 11.3133, 12.9646



17.4988, 8.8101, 10.3454



0.9408, 0.4697, 0.7341

Inverse Universe

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



32.1270, 19.0674, 27.5784



48.8731, 26.2074, 36.2863



34.4262, 48.9760, 61.1559



11.4615, 11.3133, 12.9646



17.4988, 8.8101, 10.3454



0.9408, 0.4697, 0.7341

Previews

White Background



This preview shows how the XYZ color 32.1264, 19.0664, 27.5781 looks on a white background.

Color Contrast Check

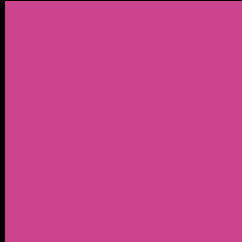
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1264, 19.0664, 27.5781 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 32.1264, 19.0664, 27.5781

Background



This preview shows how black text looks on a background with the XYZ color 32.1264, 19.0664, 27.5781.



This preview shows how white text looks on a background with the XYZ color 32.1264, 19.0664,

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

32.1264, 19.0664, 27.5781

Protanopia

20.2318, 19.4721, 44.8116

Deuteranopia

19.6040, 19.2182, 25.5979



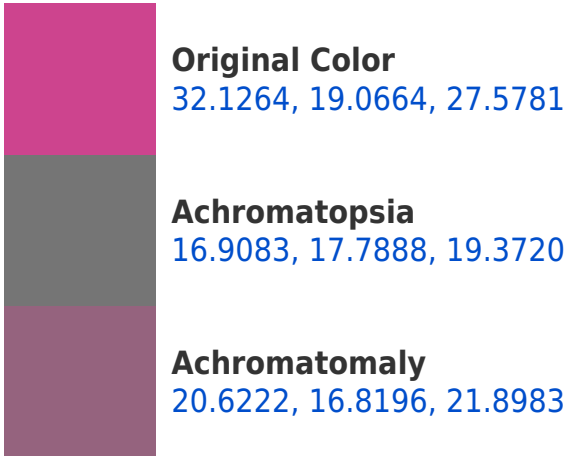
Tritanopia

28.8250, 19.1402, 11.1920

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1264, 19.0664, 27.5781 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(205, 68, 142) looks like.

```
.text, #text, p{  
    color:rgb(205, 68, 142)  
}
```

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(205, 68, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 68, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.1264, 19.0664, 27.5781 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(205, 68, 142) }
```


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

```
.border{ border-color:rgb(205, 68, 142) }
```

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

Here you see how a box with a 4 pixel rgb(205, 68, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 68, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 68, 142);  
box-shadow:4px 4px 4px 4px rgb(205, 68,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1264, 19.0664, 27.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 68, 142) }
```

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

```
.background{ background-color: rgb(205, 68,  
142) }
```

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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