

Converting Colors

XYZ(31.0732, 17.1915, 22.4494)

Have a look what the booklet for
XYZ(31.0732, 17.1915, 22.4494)
contains.

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Color

**XYZ(31.0732, 17.1915,
22.4494)**

Conversions

Conversions Part 1

Format	Color
Hex	D03181
RGB	208, 49, 129
RGB Percent	82%, 19%, 51%
CMY	0.1843, 0.8078, 0.4941
CMYK	0.00, 0.76, 0.38, 0.18
HSL	330°, 63%, 50%
HSV	330°, 76%, 82%
XYZ	31.0732, 17.1915, 22.4494
YIQ	105.6610, 69.0840, 58.5880

Conversions

Conversions Part 2

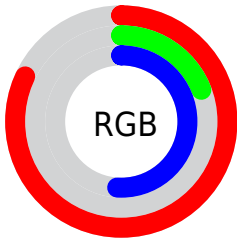
Format	Color
R_{YB}	208, 49, 129
Decimal	13644161
CIE _{Lab}	48.50, 66.43, -6.95
CIE _{LCh}	49, 66.787, 354.031
Yxy	17.1915, 0.4394, 0.2431
Android (android.graphics.Color)	4291834241 (0xFFD03181)
YUV	105.6610, 11.5061, 89.7513
Hunter-Lab	41.4626, 61.2130, -3.0780

Details

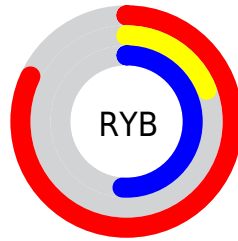
The XYZ color **31.0732, 17.1915, 22.4494** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **27.7201, 47.3238, 28.0992**, and the grayscale version is **13.5646, 14.2711, 15.5412**.

A 20% lighter version of the original color is **55.2594, 35.7893, 48.2515**, and **13.6607, 6.8751, 8.1964** is the 20% darker color. If you saturate the color by 10%, you get **29.7424, 15.5743, 18.7860**, and if you desaturate by 10%, it is **32.8756, 19.6405, 26.6131**.

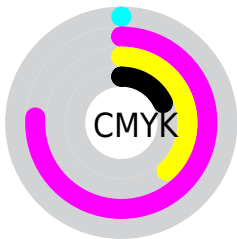
Distribution



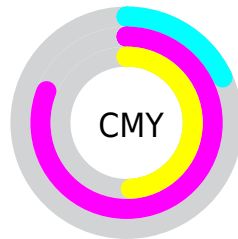
- Red (82%)
- Green (19%)
- Blue (51%)



- Red (82%)
- Yellow (19%)
- Blue (51%)



- Cyan (0%)
- Magenta (76%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0732, 17.1915, 22.4494 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 31.0732, 17.1915, 22.4494 by changing the saturation by 10% instead.


 31.0732, 17.1915,
22.4494

 31.0732, 17.1915,
22.4494


298.6963,
236.2735, 277.9139


 20.8067, 10.3711,
13.9860


 60.7304, 38.6547,
48.3993

 13.0944, 5.6457,
7.9723


 80.8517, 54.0664,
66.7229


 7.5711, 2.6309,
3.9897


 104.9887, 73.1106,
89.1704

 3.8712, 0.9422,
1.6197

 133.5068, 96.1717,
116.1602

 1.6295, 0.0000,
0.3048

 166.7712,
123.6342, 148.1109

 0.4115, 0.0000,
0.0000

205.1474,

 0.0000, 0.0000,

155.8824, 185.4411

0.0000

249.0006,
193.3007, 228.5692

■ 31.0732, 17.1915,
22.4494

■ 31.0732, 17.1915,
22.4494

■ 29.7424, 15.5743,
18.7860

■ 32.8756, 19.6405,
26.6131

■ 28.8172, 14.6605,
15.5905

■ 35.1989, 23.0172,
31.3030

■ 28.5441, 14.4226,
14.5491

■ 38.0876, 27.4070,
36.5432

■ 41.5804, 32.8850,
42.3557

■ 45.7128, 39.5190,
48.7609

■ 50.5173, 47.3712,
55.7781

■ 56.0241, 56.4995,
63.4255

■ 62.2614, 66.9579,
71.7203

■ 69.2559, 78.7974,
80.6790

Harmonies

Analogous

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



27.8437, 17.1915, 46.3360



31.0732, 17.1915, 22.4494



29.6276, 17.1915, 8.0698

Triad

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



31.0732, 17.1915, 22.4494



11.9984, 17.1915, 1.7227



10.3534, 17.1915, 61.4301

Complementary

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



31.0732, 17.1915, 22.4494



27.7201, 47.3238, 28.0992

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.



7.7719, 17.1915, 36.0852



31.0732, 17.1915, 22.4494



8.5423, 17.1915, 5.0758

Square

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



31.0732, 17.1915, 22.4494



17.5955, 17.1915, 1.2223



7.2034, 17.1915, 15.4259



15.1457, 17.1915, 76.2853

Rectangle

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



31.0732, 17.1915, 22.4494



26.3529, 17.1915, 3.7012



7.2034, 17.1915, 15.4259



9.2516, 17.1915, 53.3053

Sweetspot

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



31.0737, 17.1924, 22.4497



74.7669, 66.3811, 80.7212



21.0669, 11.1763, 60.7215



15.4384, 13.2908, 16.4354



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.



31.0737, 17.1924, 22.4497



46.1159, 23.6220, 26.3372



27.7234, 15.8524, 4.8075



12.0533, 11.9061, 13.5564



17.8392, 9.0085, 9.3251



1.0375, 0.5197, 0.7323

Inverse Universe

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



31.0737, 17.1924, 22.4497



46.1159, 23.6220, 26.3372



34.8848, 50.1897, 65.8285



12.0533, 11.9061, 13.5564



17.8392, 9.0085, 9.3251



1.0375, 0.5197, 0.7323

Previews

White Background



This preview shows how the XYZ color 31.0732, 17.1915, 22.4494 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 31.0732, 17.1915, 22.4494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

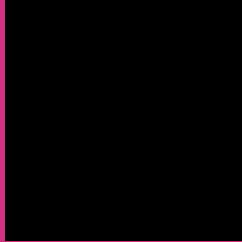
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 31.0732, 17.1915, 22.4494

Background



This preview shows how black text looks on a background with the XYZ color 31.0732, 17.1915, 22.4494.



This preview shows how white text looks on a background with the XYZ color 31.0732, 17.1915,

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

31.0732, 17.1915, 22.4494

Protanopia

18.3935, 17.5546, 41.4487

Deuteranopia

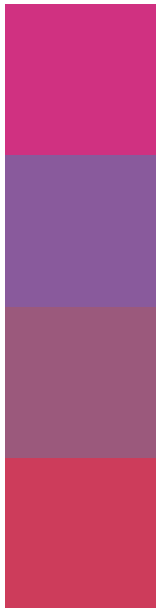
17.7028, 17.3288, 20.5009



Tritanopia

27.9555, 17.1760, 7.6362

Trichromacy



Original Color

31.0732, 17.1915, 22.4494

Protanomaly

19.9734, 15.0310, 33.3010

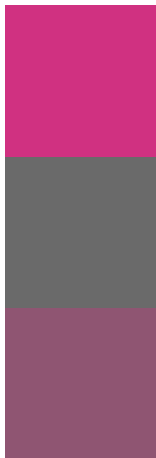
Deuteranomaly

20.7280, 15.5686, 20.9813

Tritanomaly

28.6810, 16.9662, 11.6607

Monochromacy



Original Color

31.0732, 17.1915, 22.4494

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

17.6135, 13.5515, 17.6070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0732, 17.1915, 22.4494 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, 49, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 49, 129)  
}
```

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, 49, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 49, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.0732, 17.1915, 22.4494 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, 49, 129) }
```


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

```
.border{ border-color:rgb(208, 49, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 49, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 49, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 49, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 49,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0732, 17.1915, 22.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 49, 129) }
```

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

```
.background{ background-color: rgb(208, 49,  
129) }
```

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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