

Converting Colors

XYZ(31.1029, 15.4821, 26.4094)

Have a look what the booklet for
XYZ(31.1029, 15.4821, 26.4094)
contains.

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Color

**XYZ(31.1022, 15.4784,
26.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	D1008D
RGB	209, 0, 141
RGB Percent	82%, 0%, 55%
CMY	0.1804, 0.9998, 0.4471
CMYK	0.00, 1.00, 0.33, 0.18
HSL	320°, 100%, 41%
HSV	320°, 100%, 82%
XYZ	31.1022, 15.4784, 26.5477
YIQ	78.5650, 79.3030, 88.1590

Conversions

Conversions Part 2

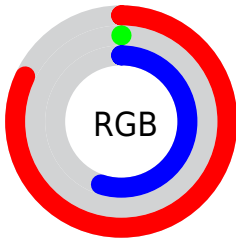
Format	Color
R_{YB}	209, 0, 141
Decimal	13697165
CIE _{Lab}	46.28, 76.09, -17.56
CIE _{LCh}	46, 78.092, 347.004
Yxy	15.4784, 0.4253, 0.2117
Android (android.graphics.Color)	4291887245 (0xFFD1008D)
YUV	78.5650, 30.7805, 114.3915
Hunter-Lab	39.3426, 72.2632, -12.4680

Details

The XYZ color **31.1022, 15.4784, 26.5477** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **23.8455, 46.0190, 13.1008**, and the grayscale version is **7.2855, 7.6650, 8.3471**.

A 20% lighter version of the original color is **54.8314, 32.6823, 55.0481**, and **14.2828, 7.1449, 10.5238** is the 20% darker color. If you saturate the color by 10%, you get **31.1013, 15.4780, 26.5428**, and if you desaturate by 10%, it is **31.8912, 16.2213, 29.3849**.

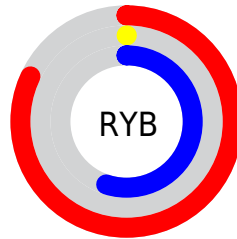
Distribution



Red (82%)

Green (0%)

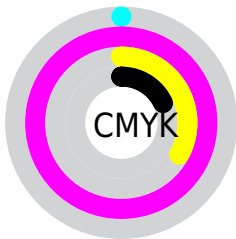
Blue (55%)



Red (82%)

Yellow (0%)

Blue (55%)

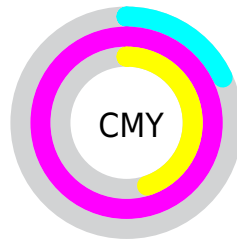


Cyan (0%)

Magenta (100%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1022, 15.4784, 26.5477 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 31.1022, 15.4784, 26.5477 by changing the saturation by 10% instead.


 31.1022, 15.4784,
26.5477


 31.1022, 15.4784,
26.5477


298.8274,
226.2439, 299.1510


 20.8289, 9.1558,
17.0044


 60.7757, 35.6903,
55.1521

 13.1107, 4.8430,
10.0756


 80.9066, 50.3484,
75.0503


 7.5824, 2.1554,
5.3429


 105.0540, 68.5537,
99.2372

 3.8784, 0.6955,
2.3876

 133.5834, 90.6908,
128.1313

 1.6336, 0.0000,
0.7797

 166.8601,
117.1440, 162.1512

 0.4142, 0.0000,
0.0000

 205.2494,

 0.0000, 0.0000,

148.2976, 201.7154

0.0000

249.1167,
184.5361, 247.2425

■ 31.1022, 15.4784,
26.5477

■ 31.1022, 15.4784,
26.5477

■ 31.1013, 15.4780,
26.5428

■ 31.8912, 16.2213,
29.3849

■ 32.9999, 17.5531,
32.4846

■ 34.5263, 19.6690,
35.8821

■ 36.5239, 22.6749,
39.5978

■ 39.0378, 26.6603,
43.6493

■ 42.1075, 31.7035,
48.0520

■ 45.7687, 37.8750,
52.8203

■ 50.0539, 45.2392,
57.9672

■ 54.9932, 53.8556,
63.5052

Harmonies

Analogous

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



26.2414, 15.4784, 56.4180



31.1022, 15.4784, 26.5477



30.7209, 15.4784, 8.2253

Triad

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



31.1022, 15.4784, 26.5477



11.2675, 15.4784, 0.3579



7.5785, 15.4784, 60.5863

Complementary

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



31.1022, 15.4784, 26.5477



23.8455, 46.0190, 13.1008

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.



5.5330, 15.4784, 30.0550



31.1022, 15.4784, 26.5477



7.1777, 15.4784, 2.1586

Square

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



31.1022, 15.4784, 26.5477



17.7918, 15.4784, 0.2591



5.4128, 15.4784, 9.8634



12.0094, 15.4784, 84.0634

Rectangle

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



31.1022, 15.4784, 26.5477



27.5306, 15.4784, 2.9963



5.4128, 15.4784, 9.8634



6.6563, 15.4784, 50.0830

Sweetspot

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



31.1027, 15.4793, 26.5480



71.5578, 59.0192, 82.5610



13.7700, 5.7699, 60.7096



14.7704, 11.7074, 16.9755



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.



31.1027, 15.4793, 26.5480



48.6882, 24.2393, 41.1515



26.6504, 13.6984, 3.1028



12.1403, 11.9409, 14.0149



19.2231, 9.5621, 16.6128



1.1104, 0.5489, 1.1163

Inverse Universe

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



31.1027, 15.4793, 26.5480



48.6882, 24.2393, 41.1515



30.1222, 48.5297, 46.1532



12.1403, 11.9409, 14.0149



19.2231, 9.5621, 16.6128



1.1104, 0.5489, 1.1163

Previews

White Background



This preview shows how the XYZ color 31.1022, 15.4784, 26.5477 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 31.1022, 15.4784, 26.5477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

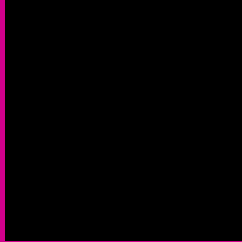
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 31.1022, 15.4784, 26.5477

Background



This preview shows how black text looks on a background with the XYZ color 31.1022, 15.4784, 26.5477.



This preview shows how white text looks on a background with the XYZ color 31.1022, 15.4784,

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

31.1022, 15.4784, 26.5477

Protanopia

18.3260, 16.3476, 57.4479

Deuteranopia

16.3754, 16.0867, 23.7147



Tritanopia

26.8065, 15.8303, 5.6457

Trichromacy



Original Color

31.1022, 15.4784, 26.5477



Protanomaly

17.8726, 11.4329, 43.9126



Deuteranomaly

18.7140, 12.3014, 24.3097



Tritanomaly

27.5692, 14.9455, 10.6642

Monochromacy



Original Color

31.1022, 15.4784, 26.5477



Achromatopsia

7.4317, 7.8187, 8.5146



Achromatomaly

12.1431, 7.6761, 13.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1022, 15.4784, 26.5477 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(209, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 141)  
}
```

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(209, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 141) }
```

Border

The CSS property to change the border of an element to XYZ 31.1022, 15.4784, 26.5477 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(209, 0, 141) }
```


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

```
.border{ border-color:rgb(209, 0, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1022, 15.4784, 26.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 141) }
```

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

```
.background{ background-color: rgb(209, 0,  
141) }
```

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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