

Converting Colors

XYZ(31.1055, 27.2771, 23.8759)

Have a look what the booklet for
XYZ(31.1055, 27.2771, 23.8759)
contains.

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Color

**XYZ(31.0379, 27.2041,
24.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	B68180
RGB	182, 129, 128
RGB Percent	71%, 51%, 50%
CMY	0.2863, 0.4941, 0.4980
CMYK	0.00, 0.29, 0.30, 0.29
HSL	1°, 27%, 61%
HSV	1°, 30%, 71%
XYZ	31.0379, 27.2041, 24.0371
YIQ	144.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

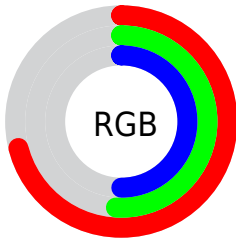
Format	Color
RYB	182, 129, 128
Decimal	11960704
CIELab	59.16, 20.34, 8.72
CIELCh	59, 22.126, 23.199
Yxy	27.2041, 0.3772, 0.3306
Android (android.graphics.Color)	4290150784 (0xFFB68180)
YUV	144.7330, -8.2494, 32.6832
Hunter-Lab	52.1575, 14.9460, 9.1862

Details

The XYZ color **31.0379, 27.2041, 24.0371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8688, 41.0129, 50.3872**, and the grayscale version is **26.8292, 28.2265, 30.7386**.

A 20% lighter version of the original color is **60.6650, 55.1428, 51.1623**, and **13.1094, 10.7457, 8.7803** is the 20% darker color. If you saturate the color by 10%, you get **27.7951, 22.4667, 17.5666**, and if you desaturate by 10%, it is **34.9083, 32.8526, 31.7775**.

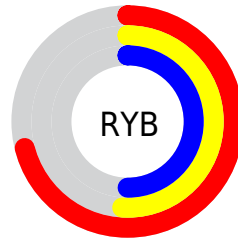
Distribution



Red (71%)

Green (51%)

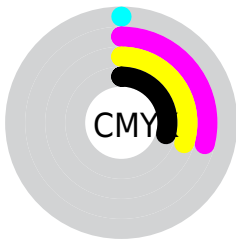
Blue (50%)



Red (71%)

Yellow (51%)

Blue (50%)

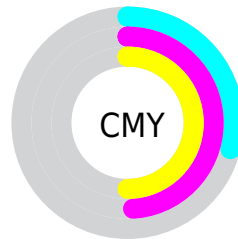


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0379, 27.2041, 24.0371 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 31.0379, 27.2041, 24.0371 by changing the saturation by 10% instead.


 31.0379, 27.2041,
24.0371


 31.0379, 27.2041,
24.0371


298.5366,
288.6440, 286.3006


 20.7797, 17.7266,
15.1487


 60.6752, 55.2112,
51.0353

 13.0746, 10.7539,
8.7760


 80.7849, 74.5096,
69.9822

 7.5573, 5.9016,
4.5006

 104.9093, 97.8503,
93.1190

 3.8624, 2.7853,
1.9038

133.4135,
125.6179, 120.8643

 1.6246, 1.0207,
0.4951

166.6630,
158.1967, 153.6365

 0.4084, 0.0000,
0.0000

205.0231,

 0.0000, 0.0000,

195.9710, 191.8543

0.0000

248.8592,
239.3253, 235.9361

■ 31.0379, 27.2041,
24.0371

■ 31.0379, 27.2041,
24.0371

■ 27.7951, 22.4667,
17.5666

■ 34.9083, 32.8526,
31.7775

■ 25.1449, 18.5890,
12.2968

■ 39.4347, 39.4522,
40.8487

■ 23.0520, 15.5207,
8.1541

■ 44.6461, 47.0454,
51.3098

■ 21.4767, 13.2046,
5.0565

■ 50.5696, 55.6707,
63.2159

■ 20.3739, 11.5759,
2.9109

■ 57.2304, 65.3650,
76.6188

■ 19.6910, 10.5589,
1.6075

■ 64.6526, 76.1629,
91.5681

■ 19.3378, 10.0326,
0.9345

■ 72.7948, 88.0718,
107.7706

■ 19.3281, 10.0185,
0.9151

■ 73.1014, 88.6851,
107.8728

Harmonies

Analogous

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



31.4817, 27.2041, 31.4539



31.0379, 27.2041, 24.0371



29.1617, 27.2041, 19.0575

Triad

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



31.0379, 27.2041, 24.0371



21.8426, 27.2041, 21.4300



25.2344, 27.2041, 47.3839

Complementary

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



31.0379, 27.2041, 24.0371



33.8688, 41.0129, 50.3872

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.



22.8113, 27.2041, 43.5054



31.0379, 27.2041, 24.0371



20.9451, 27.2041, 27.8600

Square

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



31.0379, 27.2041, 24.0371



23.8255, 27.2041, 17.7496



21.2868, 27.2041, 36.0081



28.0001, 27.2041, 45.8684

Rectangle

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



31.0379, 27.2041, 24.0371



27.4184, 27.2041, 17.3411



21.2868, 27.2041, 36.0081



24.3555, 27.2041, 46.6479

Sweetspot

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



31.0386, 27.2054, 24.0376



71.9528, 72.1942, 74.9772



35.3615, 28.7240, 47.4504



15.6097, 15.5338, 15.9937



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0386, 27.2054, 24.0376



52.0751, 43.1915, 35.2018



35.0595, 35.2472, 25.3779



9.0176, 9.0382, 9.3762



13.6548, 7.0859, 0.6480



0.4859, 0.2589, 0.0244

Inverse Universe

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



33.8688, 41.0129, 50.3872



58.0848, 72.5165, 91.1714



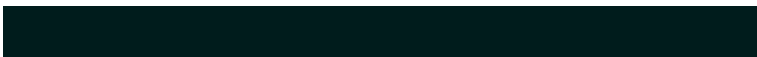
28.9179, 31.1111, 48.7369



9.2520, 10.1812, 11.5570



17.2981, 25.0559, 35.1776



0.6144, 0.8924, 1.2416

Previews

White Background



This preview shows how the XYZ color 31.0379, 27.2041, 24.0371 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 31.0379, 27.2041, 24.0371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

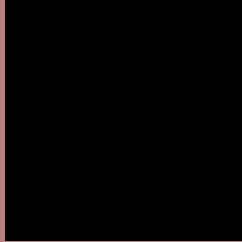
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0379, 27.2041, 24.0371

Background



This preview shows how black text looks on a background with the XYZ color 31.0379, 27.2041, 24.0371.



This preview shows how white text looks on a background with the XYZ color 31.0379, 27.2041,

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

31.0379, 27.2041, 24.0371

Protanopia

26.0788, 27.2983, 26.8163

Deuteranopia

27.7547, 27.3647, 23.5577



Tritanopia

31.7630, 27.3118, 27.2645

Trichromacy



Original Color

31.0379, 27.2041, 24.0371

Protanomaly

27.6077, 27.0308, 25.5922

Deuteranomaly

28.8569, 27.2953, 23.8263

Tritanomaly

31.5507, 27.2269, 26.1467

Monochromacy



Original Color

31.0379, 27.2041, 24.0371

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9934, 27.5984, 28.2777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0379, 27.2041, 24.0371 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(182, 129, 128)` looks like.

```
.text, #text, p{  
    color:rgb(182, 129, 128)  
}
```

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(182, 129, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 129, 128) }
```

Border

The CSS property to change the border of an element to XYZ 31.0379, 27.2041, 24.0371 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(182, 129, 128) }
```


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

```
.border{ border-color:rgb(182, 129, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 129, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 129, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 129, 128);  
box-shadow:4px 4px 4px 4px rgb(182, 129,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0379, 27.2041, 24.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 129, 128) }
```

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

```
.background{ background-color: rgb(182,  
129, 128) }
```

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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