

Converting Colors

XYZ(30.3727, 27.2561, 24.0822)

Have a look what the booklet for
XYZ(30.3727, 27.2561, 24.0822)
contains.

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Color

**XYZ(30.3727, 27.2561,
24.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	B28380
RGB	178, 131, 128
RGB Percent	70%, 51%, 50%
CMY	0.3020, 0.4863, 0.4980
CMYK	0.00, 0.26, 0.28, 0.30
HSL	4°, 25%, 60%
HSV	4°, 28%, 70%
XYZ	30.3727, 27.2561, 24.0822
YIQ	144.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

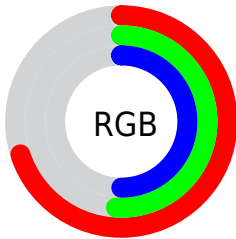
Format	Color
RYB	178, 131, 128
Decimal	11699072
CIELab	59.21, 17.65, 8.72
CIElCh	59, 19.690, 26.295
Yxy	27.2561, 0.3717, 0.3336
Android (android.graphics.Color)	4289889152 (0xFFB28380)
YUV	144.7110, -8.2385, 29.1945
Hunter-Lab	52.2074, 12.4831, 9.1959

Details

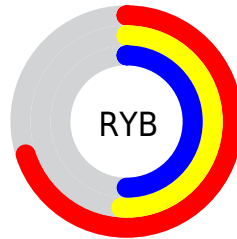
The XYZ color **30.3727, 27.2561, 24.0822** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.2675, 38.4623, 47.8430**, and the grayscale version is **26.8211, 28.2179, 30.7293**.

A 20% lighter version of the original color is **59.7419, 55.2793, 51.2373**, and **12.6659, 10.7345, 8.8015** is the 20% darker color. If you saturate the color by 10%, you get **27.2338, 22.6917, 17.7538**, and if you desaturate by 10%, it is **34.0814, 32.6310, 31.6152**.

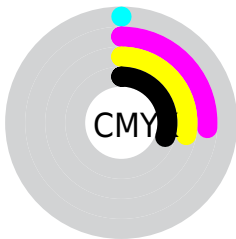
Distribution



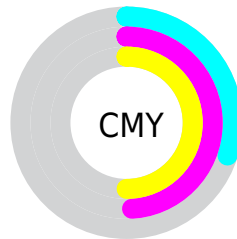
- Red (70%)
- Green (51%)
- Blue (50%)



- Red (70%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (30%)





- Cyan (30%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3727, 27.2561, 24.0822 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 30.3727, 27.2561, 24.0822 by changing the saturation by 10% instead.


 30.3727, 27.2561,
24.0822


 30.3727, 27.2561,
24.0822


295.5166,
288.8950, 286.5357


 20.2711, 17.7657,
15.1818


 59.6337, 55.2946,
51.1098

 12.7017, 10.7819,
8.7991

 79.5238, 74.6113,
70.0742

 7.2990, 5.9204,
4.5153


 103.4075, 97.9724,
93.2302

 3.6978, 2.7967,
1.9121

131.6500,
125.7621, 120.9966

 1.5326, 1.0265,
0.5004

164.6169,
158.3648, 153.7918

 0.3479, 0.0000,
0.0000

202.6734,

 0.0000, 0.0000,

196.1649, 192.0344

0.0000

246.1848,
239.5468, 236.1428

■ 30.3727, 27.2561,
24.0822

■ 30.3727, 27.2561,
24.0822

■ 27.2338, 22.6917,
17.7538

■ 34.0814, 32.6310,
31.6152

■ 24.6346, 18.8949,
12.5660

■ 38.3840, 38.8490,
40.4089

■ 22.5451, 15.8246,
8.4514


■ 43.3058, 45.9455,
50.5180


■ 20.9317, 13.4344,
5.3348

■ 48.8699, 53.9529,
61.9936


■ 19.7570, 11.6727,
3.1313


■ 55.0982, 62.9018,
74.8837


 18.9775, 10.4802,
1.7419

 62.0118, 72.8215,
89.2343

 18.5344, 9.7836,
1.0092

 69.6305, 83.7399,
105.0893

 18.4764, 9.6974,
0.8980

 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



30.9079, 27.2561, 30.5594



30.3727, 27.2561, 24.0822



28.6148, 27.2561, 19.7916

Triad

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



30.3727, 27.2561, 24.0822



22.1742, 27.2561, 22.7898



25.6023, 27.2561, 45.3154

Complementary

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



30.3727, 27.2561, 24.0822



32.2675, 38.4623, 47.8430

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.



23.3740, 27.2561, 42.4043



30.3727, 27.2561, 24.0822



21.4753, 27.2561, 28.8123

Square

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



30.3727, 27.2561, 24.0822



23.8707, 27.2561, 19.1323



21.9004, 27.2561, 36.0780



28.0540, 27.2561, 43.5221

Rectangle

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



30.3727, 27.2561, 24.0822



27.0406, 27.2561, 18.3855



21.9004, 27.2561, 36.0780



24.8038, 27.2561, 44.8442

Sweetspot

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



30.3734, 27.2574, 24.0828



69.5660, 70.3910, 73.1950



33.8666, 28.0185, 44.4387



15.1381, 15.1992, 15.6546



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.3734, 27.2574, 24.0828



51.2659, 43.8862, 35.9722



34.0614, 34.6332, 25.3121



8.5360, 8.5845, 8.8596



13.2366, 6.9718, 0.6480



0.4300, 0.2463, 0.0249

Inverse Universe

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



32.2675, 38.4623, 47.8430



55.2924, 67.7244, 86.5391



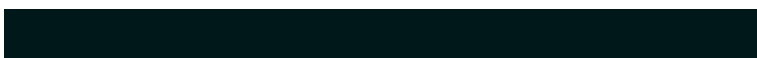
27.9246, 29.7765, 46.3953



8.6981, 9.5424, 10.8897



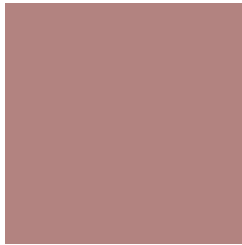
15.6941, 22.1886, 33.5927



0.5069, 0.7243, 1.0613

Previews

White Background



This preview shows how the XYZ color 30.3727, 27.2561, 24.0822 looks on a white background.

Color Contrast Check

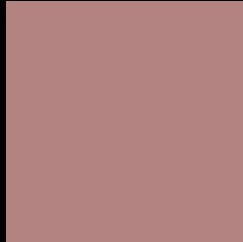
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3727, 27.2561, 24.0822 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 30.3727, 27.2561, 24.0822

Background



This preview shows how black text looks on a background with the XYZ color 30.3727, 27.2561, 24.0822.



This preview shows how white text looks on a background with the XYZ color 30.3727, 27.2561,

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

30.3727, 27.2561, 24.0822

Protanopia

26.0087, 27.2703, 26.4471

Deuteranopia

27.8195, 27.3906, 23.8993



Tritanopia

31.1009, 27.1483, 28.0270

Trichromacy



Original Color

30.3727, 27.2561, 24.0822

Protanomaly

27.3539, 27.1120, 25.6212

Deuteranomaly

28.6432, 27.1851, 23.8163

Tritanomaly

30.9462, 27.2982, 26.5597

Monochromacy



Original Color

30.3727, 27.2561, 24.0822

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9429, 27.7883, 28.3170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3727, 27.2561, 24.0822 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(178, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 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(178, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.3727, 27.2561, 24.0822 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(178, 131, 128) }
```


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

```
.border{ border-color:rgb(178, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 131,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3727, 27.2561, 24.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 128) }
```

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

```
.background{ background-color: rgb(178,  
131, 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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