

Converting Colors

XYZ(30.3658, 27.5635, 24.6210)

Have a look what the booklet for
XYZ(30.3658, 27.5635, 24.6210)
contains.

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Color

**XYZ(30.4814, 27.7071,
24.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	B18581
RGB	177, 133, 129
RGB Percent	69%, 52%, 51%
CMY	0.3059, 0.4784, 0.4941
CMYK	0.00, 0.25, 0.27, 0.31
HSL	5°, 24%, 60%
HSV	5°, 27%, 69%
XYZ	30.4814, 27.7071, 24.5103
YIQ	145.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

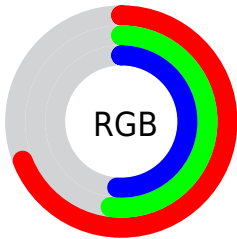
Format	Color
RYB	177, 133, 129
Decimal	11634049
CIELab	59.62, 16.28, 8.72
CIELCh	60, 18.470, 28.176
Yxy	27.7071, 0.3686, 0.3350
Android (android.graphics.Color)	4289824129 (0xFFB18581)
YUV	145.7000, -8.2331, 27.4501
Hunter-Lab	52.6375, 11.2503, 9.2383

Details

The XYZ color **30.4814, 27.7071, 24.5103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9322, 37.7274, 47.1942**, and the grayscale version is **27.2241, 28.6419, 31.1910**.

A 20% lighter version of the original color is **59.6067, 55.8188, 51.8885**, and **12.7096, 10.9767, 9.0383** is the 20% darker color. If you saturate the color by 10%, you get **27.3531, 23.1730, 18.1571**, and if you desaturate by 10%, it is **34.1581, 33.0115, 32.0524**.

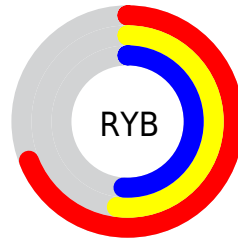
Distribution



Red (69%)

Green (52%)

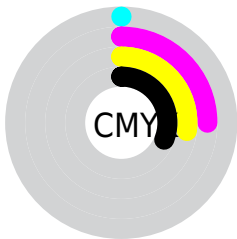
Blue (51%)



Red (69%)

Yellow (52%)

Blue (51%)

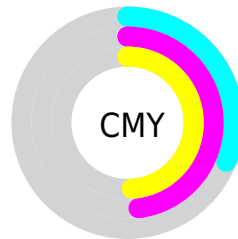


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (31%)



Cyan (31%)


Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4814, 27.7071, 24.5103 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 30.4814, 27.7071, 24.5103 by changing the saturation by 10% instead.


 30.4814, 27.7071,
24.5103


 30.4814, 27.7071,
24.5103


296.0117,
291.0647, 288.7595


 20.3542, 18.1050,
15.4969


 59.8041, 56.0165,
51.8159

 12.7625, 11.0254,
9.0184


 79.7302, 75.4925,
70.9452

 7.3411, 6.0839,
4.6562

 103.6534, 99.0287,
94.2835

 3.7245, 2.8962,
1.9918

131.9389,
127.0093, 122.2494

 1.5475, 1.0778,
0.5502

164.9521,
159.8188, 155.2614

 0.3578, 0.0000,
0.0000

203.0584,

 0.0000, 0.0000,

197.8416, 193.7381

0.0000

246.6232,
241.4621, 238.0979

■ 30.4814, 27.7071,
24.5103

■ 30.4814, 27.7071,
24.5103

■ 27.3531, 23.1730,
18.1571

■ 34.1581, 33.0115,
32.0524

■ 24.7448, 19.3697,
12.9305

■ 38.4054, 39.1155,
40.8380

■ 22.6288, 16.2601,
8.7653

■ 43.2470, 46.0519,
50.9202

■ 20.9741, 13.8022,
5.5885

■ 48.7046, 53.8501,
62.3488

■ 19.7460, 11.9496,
3.3182

■ 54.7989, 62.5384,
75.1707

■ 18.9049, 10.6496,
1.8594

■ 61.5494, 72.1437,
89.4308

■ 18.3998, 9.8390,
1.0758

■ 68.9749, 82.6918,
105.1716

■ 18.2990, 9.6821,
0.9044

■ 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



31.0674, 27.7071, 30.5782



30.4814, 27.7071, 24.5103



28.7666, 27.7071, 20.5332

Triad

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



30.4814, 27.7071, 24.5103



22.7112, 27.7071, 23.9001



26.1926, 27.7071, 44.8829

Complementary

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



30.4814, 27.7071, 24.5103



31.9322, 37.7274, 47.1942

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.



24.0440, 27.7071, 42.4259



30.4814, 27.7071, 24.5103



22.1089, 27.7071, 29.7622

Square

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



30.4814, 27.7071, 24.5103



24.2770, 27.7071, 20.2191



22.5824, 27.7071, 36.6362



28.5057, 27.7071, 42.9401

Rectangle

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



30.4814, 27.7071, 24.5103



27.2627, 27.7071, 19.2789



22.5824, 27.7071, 36.6362



25.4281, 27.7071, 44.5378

Sweetspot

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



30.4821, 27.7084, 24.5109



67.9600, 68.8739, 71.4322



33.5247, 28.0650, 43.1854



14.4731, 14.5601, 14.9520



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.4821, 27.7084, 24.5109



50.8710, 44.2356, 36.3265



34.1511, 35.0463, 25.7338



8.5515, 8.6154, 8.8648



13.2778, 7.0541, 0.6618



0.4364, 0.2593, 0.0270

Inverse Universe

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



31.9322, 37.7274, 47.1942



53.9312, 65.4054, 84.2773



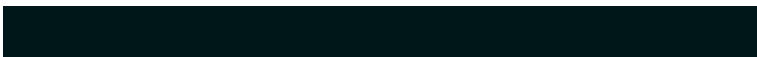
27.7368, 29.3366, 45.7957



8.6808, 9.5079, 10.8840



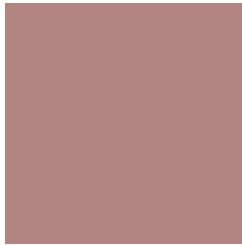
15.1628, 21.1259, 33.4155



0.4948, 0.7001, 1.0573

Previews

White Background



This preview shows how the XYZ color 30.4814, 27.7071, 24.5103 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 30.4814, 27.7071, 24.5103 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 30.4814, 27.7071, 24.5103

Background



This preview shows how black text looks on a background with the XYZ color 30.4814, 27.7071, 24.5103.



This preview shows how white text looks on a background with the XYZ color 30.4814, 27.7071,

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

30.4814, 27.7071, 24.5103

Protanopia

26.5200, 27.7557, 26.5139

Deuteranopia

28.4387, 27.9163, 24.3116



Tritanopia

31.2841, 27.6207, 28.8818

Trichromacy



Original Color

30.4814, 27.7071, 24.5103

Protanomaly

27.6956, 27.5021, 25.6785

Deuteranomaly

29.2041, 27.8848, 24.2652

Tritanomaly

31.1267, 27.7736, 27.3872

Monochromacy



Original Color

30.4814, 27.7071, 24.5103

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1631, 28.1113, 28.7526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4814, 27.7071, 24.5103 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(177, 133, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 133, 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(177, 133, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 133, 129) }
```

Border

The CSS property to change the border of an element to XYZ 30.4814, 27.7071, 24.5103 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(177, 133, 129) }
```


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

```
.border{ border-color:rgb(177, 133, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 133, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 133, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 133, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 133,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4814, 27.7071, 24.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 133, 129) }
```

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

```
.background{ background-color: rgb(177,  
133, 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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