

Converting Colors

XYZ(30.4133, 30.7926, 27.1231)

Have a look what the booklet for
XYZ(30.4133, 30.7926, 27.1231)
contains.

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Color

**XYZ(30.4801, 30.9284,
27.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	A59487
RGB	165, 148, 135
RGB Percent	65%, 58%, 53%
CMY	0.3529, 0.4196, 0.4706
CMYK	0.00, 0.10, 0.18, 0.35
HSL	26°, 14%, 59%
HSV	26°, 18%, 65%
XYZ	30.4801, 30.9284, 27.2850
YIQ	151.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

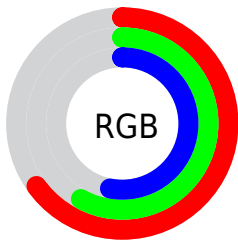
Format	Color
RYB	165, 158, 135
Decimal	10851463
CIELab	62.45, 4.10, 9.16
CIELCh	62, 10.040, 65.869
Yxy	30.9284, 0.3437, 0.3487
Android (android.graphics.Color)	4289041543 (0xFFA59487)
YUV	151.6010, -8.1843, 11.7509
Hunter-Lab	55.6133, 0.5076, 9.8405

Details

The XYZ color **30.4801, 30.9284, 27.2850** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0112, 30.3233, 39.9741**, and the grayscale version is **29.7036, 31.2505, 34.0318**.

A 20% lighter version of the original color is **59.7128, 61.0875, 56.2208**, and **12.7244, 12.7160, 10.3781** is the 20% darker color. If you saturate the color by 10%, you get **27.9999, 27.6851, 21.1641**, and if you desaturate by 10%, it is **33.2605, 34.4834, 34.3950**.

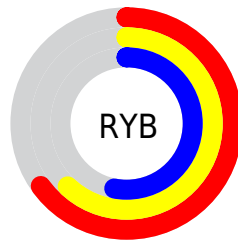
Distribution



Red (65%)

Green (58%)

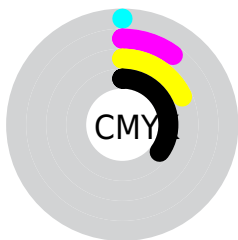
Blue (53%)



Red (65%)

Yellow (62%)

Blue (53%)

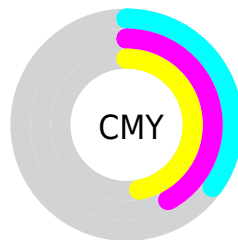


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4801, 30.9284, 27.2850 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 30.4801, 30.9284, 27.2850 by changing the saturation by 10% instead.

■ 30.4801, 30.9284,
27.2850

■ 30.4801, 30.9284,
27.2850

296.0058,
306.2083, 302.8381

■ 20.3532, 20.5443,
17.5531

■ 59.8020, 61.1273,
56.3501

■ 12.7618, 12.7913,
10.4635

■ 79.7277, 81.7110,
76.5204

■ 7.3406, 7.2850,
5.5977

■ 103.6504,
106.4633, 101.0072

■ 3.7242, 3.6410,
2.5373

131.9354,
135.7686, 130.2291

■ 1.5473, 1.4748,
0.8598

164.9481,
170.0114, 164.6046

■ 0.3577, 0.2709,
0.0000

203.0538,

■ 0.0000, 0.0000,

209.5760, 204.5522

0.0000

246.6179,
254.8469, 250.4906

■ 30.4801, 30.9284,
27.2850

■ 30.4801, 30.9284,
27.2850

■ 27.9999, 27.6851,
21.1641

■ 33.2605, 34.4834,
34.3950

■ 25.8063, 24.7404,
15.9859

■ 36.3490, 38.3544,
42.5338

■ 23.8884, 22.0865,
11.7031

■ 39.7564, 42.5509,
51.7412

■ 22.2335, 19.7133,
8.2636

■ 43.4920, 47.0807,
62.0544

■ 20.8276, 17.6104,
5.6097

■ 47.5649, 51.9513,
73.5088

■ 19.6554, 15.7663,
3.6764

■ 51.9837, 57.1701,
86.1381

■ 18.6992, 14.1685,
2.3880

■ 56.7567, 62.7439,
99.9747

■ 17.9305, 12.7998,
1.6117

■ 59.8986, 67.8824,
104.5534

■ 17.8035, 12.5721,
1.4883

■ 62.4626, 73.0103,
105.4080

Harmonies

Analogous

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



31.5699, 30.9284, 29.4701



30.4801, 30.9284, 27.2850



29.1296, 30.9284, 26.7531

Triad

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



30.4801, 30.9284, 27.2850



26.8679, 30.9284, 34.4484



30.9576, 30.9284, 40.1258

Complementary

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



30.4801, 30.9284, 27.2850



28.0112, 30.3233, 39.9741

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.



29.6651, 30.9284, 41.7002



30.4801, 30.9284, 27.2850



27.3252, 30.9284, 38.2637

Square

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



30.4801, 30.9284, 27.2850



27.0710, 30.9284, 30.7019



28.3389, 30.9284, 40.9938



31.8516, 30.9284, 36.8357

Rectangle

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



30.4801, 30.9284, 27.2850



28.2688, 30.9284, 27.3686



28.3389, 30.9284, 40.9938



30.5539, 30.9284, 40.8843

Sweetspot

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



30.4809, 30.9298, 27.2857



61.2161, 63.8377, 65.9020



29.8488, 27.5947, 33.4592



13.3045, 13.8573, 14.2018



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.4809, 30.9298, 27.2857



52.6490, 52.8729, 44.0267



32.9876, 35.9432, 28.1212



7.3145, 7.5674, 7.4552



13.5164, 9.6067, 1.1419



0.3306, 0.2951, 0.0395

Inverse Universe

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



28.0112, 30.3233, 39.9741



47.3572, 51.5723, 71.2108



25.7293, 25.7593, 39.2134



7.0178, 7.4946, 8.9798



8.1815, 8.1425, 28.0702



0.2177, 0.2627, 0.6051

Previews

White Background



This preview shows how the XYZ color 30.4801, 30.9284, 27.2850 looks on a white background.

Color Contrast Check

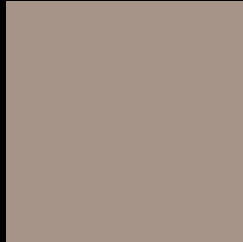
Large Text (above 18pt) WCAG AA × Fail

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 30.4801, 30.9284, 27.2850 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 ✓ Pass

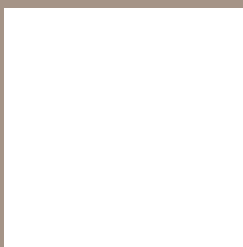
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4801, 30.9284, 27.2850

Background



This preview shows how black text looks on a background with the XYZ color 30.4801, 30.9284, 27.2850.



This preview shows how white text looks on a background with the XYZ color 30.4801, 30.9284,

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

30.4801, 30.9284, 27.2850

Protanopia

29.4152, 31.0789, 27.7410

Deuteranopia

31.4466, 30.9650, 27.2411



Tritanopia

32.2746, 30.9759, 35.7304

Trichromacy



Original Color

30.4801, 30.9284, 27.2850

Protanomaly

29.8475, 31.0638, 27.7153

Deuteranomaly

31.1691, 31.0517, 27.2725

Tritanomaly

31.5605, 30.9114, 32.3200

Monochromacy



Original Color

30.4801, 30.9284, 27.2850

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1595, 31.3766, 31.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4801, 30.9284, 27.2850 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(165, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 135)  
}
```

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(165, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.4801, 30.9284, 27.2850 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(165, 148, 135) }
```


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

```
.border{ border-color:rgb(165, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4801, 30.9284, 27.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 135) }
```

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

```
.background{ background-color: rgb(165,  
148, 135) }
```

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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