

Converting Colors

XYZ(30.9381, 29.9795, 27.1331)

Have a look what the booklet for
XYZ(30.9381, 29.9795, 27.1331)
contains.

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Color

**XYZ(30.9902, 30.0521,
27.0889)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8F87
RGB	171, 143, 135
RGB Percent	67%, 56%, 53%
CMY	0.3294, 0.4392, 0.4706
CMYK	0.00, 0.16, 0.21, 0.33
HSL	13°, 18%, 60%
HSV	13°, 21%, 67%
XYZ	30.9902, 30.0521, 27.0889
YIQ	150.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

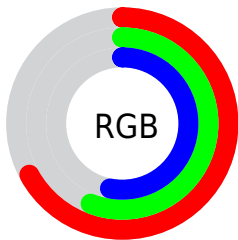
Format	Color
RYB	171, 145, 135
Decimal	11243399
CIELab	61.70, 9.23, 8.18
CIElCh	62, 12.328, 41.542
Yxy	30.0521, 0.3516, 0.3410
Android (android.graphics.Color)	4289433479 (0xFFAB8F87)
YUV	150.4600, -7.6218, 18.0136
Hunter-Lab	54.8198, 4.9733, 9.0760

Details

The XYZ color **30.9902, 30.0521, 27.0889** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4392, 34.2846, 43.5415**, and the grayscale version is **29.2113, 30.7325, 33.4677**.

A 20% lighter version of the original color is **60.7219, 59.8942, 55.9373**, and **13.0253, 12.3361, 10.2889** is the 20% darker color. If you saturate the color by 10%, you get **28.0024, 25.8507, 20.6225**, and if you desaturate by 10%, it is **34.4098, 34.8069, 34.6540**.

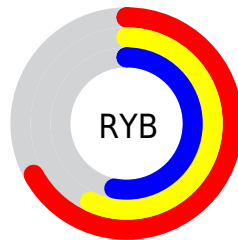
Distribution



Red (67%)

Green (56%)

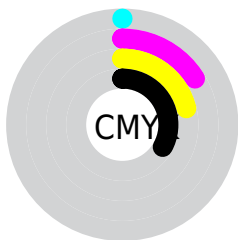
Blue (53%)



Red (67%)

Yellow (57%)

Blue (53%)

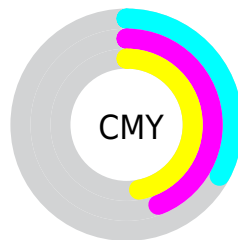


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (33%)



Cyan (33%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9902, 30.0521, 27.0889 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 30.9902, 30.0521, 27.0889 by changing the saturation by 10% instead.


 30.9902, 30.0521,
27.0889

 30.9902, 30.0521,
27.0889


298.3209,
302.1472, 301.8611


 20.7432, 19.8781,
17.4070


 60.6006, 59.7446,
56.0320

 13.0478, 12.3065,
10.3601


 80.6947, 80.0318,
76.1302

 7.5387, 6.9528,
5.5296


 104.8018,
104.4590, 100.5376

 3.8505, 3.4326,
2.4971

133.2874,
133.4105, 129.6727

 1.6179, 1.3615,
0.8386

166.5167,
167.2707, 163.9540

 0.4040, 0.1881,
0.0000

204.8551,

 0.0000, 0.0000,

206.4239, 203.8002

0.0000

248.6681,
251.2546, 249.6297

■ 30.9902, 30.0521,
27.0889

■ 30.9902, 30.0521,
27.0889

■ 28.0024, 25.8507,
20.6225

■ 34.4098, 34.8069,
34.6540

■ 25.4263, 22.1786,
15.2016

■ 38.2751, 40.1302,
43.3637

■ 23.2443, 19.0156,
10.7715


■ 42.6024, 46.0415,
53.2639


■ 21.4361, 16.3389,
7.2715


■ 47.4066, 52.5581,
64.3970


■ 19.9796, 14.1237,
4.6346


■ 52.7019, 59.6967,
76.8036


 18.8502, 12.3432,
2.7842

 58.5016, 67.4733,
90.5224

 18.0200, 10.9673,
1.6304

 64.8189, 75.9033,
105.5903

 17.4883, 10.0452,
1.0172

 68.8415, 83.8717,
107.1683

 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



31.7670, 30.0521, 30.9472



30.9902, 30.0521, 27.0889



29.5740, 30.0521, 24.8788

Triad

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



30.9902, 30.0521, 27.0889



25.6748, 30.0521, 29.9439



29.1994, 30.0521, 42.3948

Complementary

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



30.9902, 30.0521, 27.0889



30.4392, 34.2846, 43.5415

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.



27.5765, 30.0521, 42.0605



30.9902, 30.0521, 27.0889



25.5832, 30.0521, 34.5626

Square

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



30.9902, 30.0521, 27.0889



26.5224, 30.0521, 26.4151



26.2671, 30.0521, 39.0856



30.7070, 30.0521, 39.9596

Rectangle

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



30.9902, 30.0521, 27.0889



28.4788, 30.0521, 24.4964



26.2671, 30.0521, 39.0856



28.6486, 30.0521, 42.6084

Sweetspot

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



30.9910, 30.0535, 27.0895



64.9481, 66.9231, 69.5171



32.0876, 28.6377, 38.5810



14.3874, 14.7915, 15.2858



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.9910, 30.0535, 27.0895



53.0604, 50.4005, 43.1947



33.8780, 35.8274, 28.0518



8.1443, 8.2934, 8.3849



13.2170, 7.6395, 0.7780



0.4076, 0.2923, 0.0349

Inverse Universe

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



30.4392, 34.2846, 43.5415



51.9002, 59.2712, 77.7069



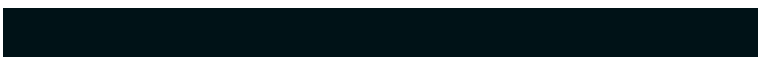
27.4987, 28.4035, 42.5614



8.0830, 8.7654, 10.2186



11.9029, 14.9397, 31.3008



0.3680, 0.4894, 0.8830

Previews

White Background



This preview shows how the XYZ color 30.9902, 30.0521, 27.0889 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 30.9902, 30.0521, 27.0889 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 30.9902, 30.0521, 27.0889

Background



This preview shows how black text looks on a background with the XYZ color 30.9902, 30.0521, 27.0889.



This preview shows how white text looks on a background with the XYZ color 30.9902, 30.0521,

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

30.9902, 30.0521, 27.0889

Protanopia

28.6613, 30.1999, 28.3633

Deuteranopia

30.7086, 30.1308, 27.1190



Tritanopia

32.3444, 30.1684, 33.3965

Trichromacy



Original Color

30.9902, 30.0521, 27.0889

Protanomaly

29.4463, 30.1472, 27.9339

Deuteranomaly

30.9240, 30.2418, 27.1291

Tritanomaly

31.7971, 30.1610, 30.9338

Monochromacy



Original Color

30.9902, 30.0521, 27.0889

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.6451, 30.1809, 31.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9902, 30.0521, 27.0889 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(171, 143, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 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(171, 143, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.9902, 30.0521, 27.0889 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(171, 143, 135) }
```


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

```
.border{ border-color:rgb(171, 143, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9902, 30.0521, 27.0889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 135) }
```

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

```
.background{ background-color: rgb(171,  
143, 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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