

Converting Colors

XYZ(30.1967, 37.6683, 27.3783)

Have a look what the booklet for
XYZ(30.1967, 37.6683, 27.3783)
contains.

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Color

**XYZ(30.1161, 37.5135,
27.4833)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAE84
RGB	140, 174, 132
RGB Percent	55%, 68%, 52%
CMY	0.4510, 0.3176, 0.4823
CMYK	0.20, 0.00, 0.24, 0.32
HSL	109°, 21%, 60%
HSV	109°, 24%, 68%
XYZ	30.1161, 37.5135, 27.4833
YIQ	159.0460, -6.7820, -20.2700

Conversions

Conversions Part 2

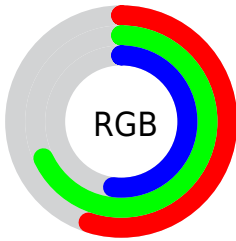
Format	Color
RYB	132, 174, 166
Decimal	9219716
CIELab	67.66, -19.73, 17.85
CIELCh	68, 26.607, 137.876
Yxy	37.5135, 0.3166, 0.3944
Android (android.graphics.Color)	4287409796 (0xFF8CAE84)
YUV	159.0460, -13.3337, -16.7033
Hunter-Lab	61.2483, -19.4151, 16.2692

Details

The XYZ color **30.1161, 37.5135, 27.4833** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.6187, 27.6666, 43.7201**, and the grayscale version is **33.0378, 34.7583, 37.8518**.

A 20% lighter version of the original color is **59.3019, 71.5657, 56.5870**, and **12.4802, 16.4078, 10.4919** is the 20% darker color. If you saturate the color by 10%, you get **26.7999, 35.9313, 21.6225**, and if you desaturate by 10%, it is **33.9368, 39.3350, 34.4060**.

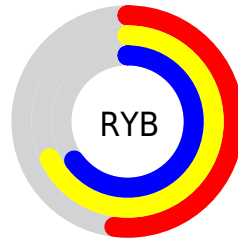
Distribution



Red (55%)

Green (68%)

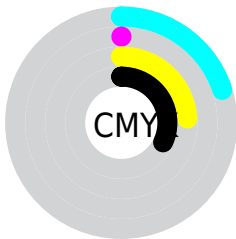
Blue (52%)



Red (52%)

Yellow (68%)

Blue (65%)

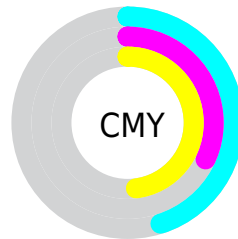


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1161, 37.5135, 27.4833 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 30.1161, 37.5135, 27.4833 by changing the saturation by 10% instead.

■ 30.1161, 37.5135,
27.4833

■ 30.1161, 37.5135,
27.4833

294.3454,
335.5284, 303.8235

■ 20.0752, 25.6053,
17.7009

■ 59.2311, 71.3618,
56.6716

■ 12.5583, 16.5286,
10.5682

■ 79.0360, 94.0708,
76.9145

■ 7.2000, 9.8990,
5.6668

■ 102.8262,
121.1488, 101.4814

■ 3.6349, 5.3320,
2.5781

130.9671,
152.9803, 130.7907

■ 1.4978, 2.4434,
0.8811

163.8242,
189.9495, 165.2610

■ 0.3243, 0.8481,
0.0000

201.7627,

■ 0.0000, 0.0000,

232.4411, 205.3109

0.0000

245.1479,
280.8392, 251.3589

■ 30.1161, 37.5135,
27.4833

■ 30.1161, 37.5135,
27.4833

■ 26.7999, 35.9313,
21.6225

■ 33.9368, 39.3350,
34.4060

■ 23.9640, 34.5739,
16.7688

■ 38.2791, 41.4003,
42.4370

■ 21.5865, 33.4321,
12.8661

■ 43.1628, 43.7196,
51.6227

■ 19.6426, 32.4947,
9.8520

■ 48.6058, 46.3015,
62.0063

■ 18.1052, 31.7491,
7.6565

■ 54.6254, 49.1536,
73.6287

■ 16.9437, 31.1814,
6.1992

■ 61.2378, 52.2838,
86.5290

■ 16.1230, 30.7755,
5.3834

■ 68.4588, 55.6992,
100.7445

■ 15.7684, 30.5992,
5.0752

■ 73.5833, 58.3188,
101.9861

■ 74.4268, 58.7536,
102.0256

Harmonies

Analogous

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



33.2872, 37.5135, 22.8892



30.1161, 37.5135, 27.4833



28.4822, 37.5135, 36.2801

Triad

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



30.1161, 37.5135, 27.4833



34.0234, 37.5135, 67.1705



43.7068, 37.5135, 34.2928

Complementary

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



30.1161, 37.5135, 27.4833



31.6187, 27.6666, 43.7201

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.



43.9420, 37.5135, 45.7794



30.1161, 37.5135, 27.4833



38.1335, 37.5135, 66.3558

Square

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



30.1161, 37.5135, 27.4833



30.6194, 37.5135, 60.0092



41.8355, 37.5135, 57.9599



41.2155, 37.5135, 26.2699

Rectangle

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



30.1161, 37.5135, 27.4833



28.3949, 37.5135, 44.0223



41.8355, 37.5135, 57.9599



44.0588, 37.5135, 37.8260

Sweetspot

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



30.1171, 37.5151, 27.4841



66.9788, 73.9267, 72.4089



35.1856, 37.7936, 27.2707



14.7832, 16.3818, 15.9016



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.



30.1171, 37.5151, 27.4841



51.2821, 66.4494, 43.9036



29.7330, 37.2114, 32.2429



8.0416, 9.0100, 8.5286



11.4752, 22.2128, 3.6827



0.3601, 0.6390, 0.1044

Inverse Universe

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



31.6187, 27.6666, 43.7201



54.4797, 45.4389, 78.5361



32.1765, 28.0895, 37.6309



8.1853, 8.0699, 10.0789



13.5388, 6.3394, 29.5546



0.4146, 0.1959, 0.8240

Previews

White Background



This preview shows how the XYZ color 30.1161, 37.5135, 27.4833 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 30.1161, 37.5135, 27.4833 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 30.1161, 37.5135, 27.4833

Background



This preview shows how black text looks on a background with the XYZ color 30.1161, 37.5135, 27.4833.



This preview shows how white text looks on a background with the XYZ color 30.1161, 37.5135,

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

30.1161, 37.5135, 27.4833

Protanopia

34.7854, 37.1972, 25.4251

Deuteranopia

37.8352, 37.1501, 28.0982



Tritanopia

34.5559, 37.6374, 49.1595

Trichromacy



Original Color

30.1161, 37.5135, 27.4833

Protanomaly

32.8654, 37.2716, 26.2308

Deuteranomaly

34.5918, 37.0428, 27.8810

Tritanomaly

32.6626, 37.4135, 40.1504

Monochromacy



Original Color

30.1161, 37.5135, 27.4833

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6492, 35.3962, 33.5978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1161, 37.5135, 27.4833 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(140, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(140, 174, 132)  
}
```

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(140, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 174, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.1161, 37.5135, 27.4833 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(140, 174, 132) }
```


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

```
.border{ border-color:rgb(140, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(140, 174,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1161, 37.5135, 27.4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 174, 132) }
```

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

```
.background{ background-color: rgb(140,  
174, 132) }
```

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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