

Converting Colors

XYZ(30.2280, 37.3947, 27.6704)

Have a look what the booklet for
XYZ(30.2280, 37.3947, 27.6704)
contains.

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Color

**XYZ(30.1617, 37.2433,
27.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAD85
RGB	141, 173, 133
RGB Percent	55%, 68%, 52%
CMY	0.4471, 0.3216, 0.4784
CMYK	0.18, 0.00, 0.23, 0.32
HSL	108°, 20%, 60%
HSV	108°, 23%, 68%
XYZ	30.1617, 37.2433, 27.7893
YIQ	158.8720, -6.2320, -19.2240

Conversions

Conversions Part 2

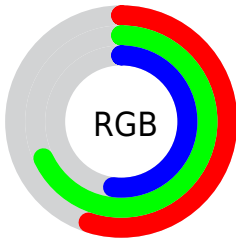
Format	Color
RYB	133, 173, 165
Decimal	9284997
CIELab	67.46, -18.69, 17.03
CIELCh	67, 25.290, 137.665
Yxy	37.2433, 0.3168, 0.3912
Android (android.graphics.Color)	4287475077 (0xFF8DAD85)
YUV	158.8720, -12.7549, -15.6737
Hunter-Lab	61.0273, -18.5772, 15.7209

Details

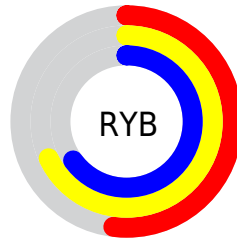
The XYZ color **30.1617, 37.2433, 27.7893** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.4490, 27.7926, 43.2441**, and the grayscale version is **32.9554, 34.6717, 37.7575**.

A 20% lighter version of the original color is **59.3879, 71.1859, 57.0646**, and **12.6152, 16.4729, 10.6983** is the 20% darker color. If you saturate the color by 10%, you get **26.8556, 35.6669, 21.9010**, and if you desaturate by 10%, it is **33.9609, 39.0533, 34.7299**.

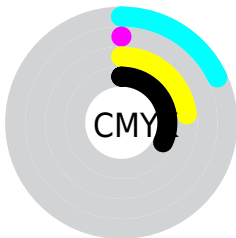
Distribution



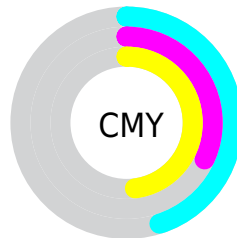
- Red (55%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (65%)



- Cyan (18%)
- Magenta (0%)
- Yellow (23%)
- Black (32%)



- Cyan (45%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1617, 37.2433, 27.7893 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 30.1617, 37.2433, 27.7893 by changing the saturation by 10% instead.

■ 30.1617, 37.2433,
27.7893

■ 30.1617, 37.2433,
27.7893

294.5538,
334.3627, 305.3389

■ 20.1100, 25.3959,
17.9292

■ 59.3027, 70.9468,
57.1669

■ 12.5838, 16.3723,
10.7303

■ 79.1227, 93.5718,
77.5216

■ 7.2176, 9.7880,
5.7739

■ 102.9296,
120.5580, 102.2115

■ 3.6461, 5.2586,
2.6415

131.0886,
152.2900, 131.6552

■ 1.5039, 2.3998,
0.9138

163.9652,
189.1520, 166.2712

■ 0.3285, 0.8258,
0.0000

201.9247,

■ 0.0000, 0.0000,

231.5285, 206.4782

0.0000

245.3324,
279.8040, 252.6946

■ 30.1617, 37.2433,
27.7893

■ 30.1617, 37.2433,
27.7893

■ 26.8556, 35.6669,
21.9010

■ 33.9609, 39.0533,
34.7299

■ 24.0191, 34.3100,
17.0113

■ 38.2693, 41.1009,
42.7681

■ 21.6313, 33.1639,
13.0655

■ 43.1062, 43.3962,
51.9495

■ 19.6685, 32.2178,
10.0027

■ 48.4889, 45.9472,
62.3163

■ 18.1047, 31.4597,
7.7548

■ 54.4337, 48.7614,
73.9088

■ 16.9109, 30.8765,
6.2438

■ 60.9564, 51.8462,
86.7652

■ 16.0537, 30.4529,
5.3765

■ 68.0723, 55.2086,
100.9220

■ 15.6238, 30.2389,
5.0132

■ 73.0406, 57.7533,
101.9056

■ 74.2343, 58.3686,
101.9614

Harmonies

Analogous

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



33.1812, 37.2433, 23.4000



30.1617, 37.2433, 27.7893



28.5947, 37.2433, 36.1534

Triad

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



30.1617, 37.2433, 27.7893



33.8276, 37.2433, 65.2307



42.9994, 37.2433, 34.4034

Complementary

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



30.1617, 37.2433, 27.7893



31.4490, 27.7926, 43.2441

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.



43.2043, 37.2433, 45.2929



30.1617, 37.2433, 27.7893



37.7128, 37.2433, 64.5268

Square

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



30.1617, 37.2433, 27.7893



30.6051, 37.2433, 58.4993



41.2092, 37.2433, 56.7227



40.6683, 37.2433, 26.7108

Rectangle

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



30.1617, 37.2433, 27.7893



28.5032, 37.2433, 43.4708



41.2092, 37.2433, 56.7227



43.3251, 37.2433, 37.7661

Sweetspot

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



30.1627, 37.2449, 27.7901



65.3371, 72.0870, 70.5924



34.9239, 37.4897, 27.5864



14.1036, 15.6207, 15.1627



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.



30.1627, 37.2449, 27.7901



50.7316, 65.1338, 43.8797



29.7284, 36.9197, 32.3483



8.0485, 9.0136, 8.5290



11.5162, 22.2339, 3.6846



0.3628, 0.6404, 0.1045

Inverse Universe

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



31.4490, 27.7926, 43.2441



53.4573, 45.0649, 76.6867



32.0555, 28.2335, 37.4798



8.1778, 8.0660, 10.0786



13.3378, 6.2357, 29.5452



0.4104, 0.1938, 0.8238

Previews

White Background



This preview shows how the XYZ color 30.1617, 37.2433, 27.7893 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 30.1617, 37.2433, 27.7893 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 30.1617, 37.2433, 27.7893

Background



This preview shows how black text looks on a background with the XYZ color 30.1617, 37.2433, 27.7893.



This preview shows how white text looks on a background with the XYZ color 30.1617, 37.2433,

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

30.1617, 37.2433, 27.7893

Protanopia

34.6935, 37.1346, 26.1080

Deuteranopia

37.6571, 37.0501, 28.4592



Tritanopia

34.4514, 37.3223, 48.5682

Trichromacy



Original Color

30.1617, 37.2433, 27.7893

Protanomaly

32.7483, 36.9305, 26.5214

Deuteranomaly

34.4836, 36.7143, 28.1908

Tritanomaly

32.6529, 37.1313, 40.0964

Monochromacy



Original Color

30.1617, 37.2433, 27.7893

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.7294, 35.4283, 34.0202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1617, 37.2433, 27.7893 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(141, 173, 133)` looks like.

```
.text, #text, p{  
    color:rgb(141, 173, 133)  
}
```

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(141, 173, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 173, 133) }
```

Border

The CSS property to change the border of an element to XYZ 30.1617, 37.2433, 27.7893 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(141, 173, 133) }
```


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

```
.border{ border-color:rgb(141, 173, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 173, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(141, 173,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1617, 37.2433, 27.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 173, 133) }
```

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

```
.background{ background-color: rgb(141,  
173, 133) }
```

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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