

Converting Colors

XYZ(27.0003, 30.8125, 15.8683)

Have a look what the booklet for
XYZ(27.0003, 30.8125, 15.8683)
contains.

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Color

**XYZ(27.0397, 30.8443,
15.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9A61
RGB	154, 154, 97
RGB Percent	60%, 60%, 38%
CMY	0.3961, 0.3961, 0.6196
CMYK	0.00, 0.00, 0.37, 0.40
HSL	60°, 23%, 49%
HSV	60°, 37%, 60%
XYZ	27.0397, 30.8443, 15.8377
YIQ	147.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

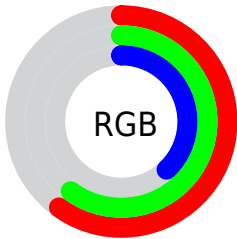
Format	Color
RYB	97, 154, 97
Decimal	10132065
CIELab	62.38, -8.98, 29.95
CIElCh	62, 31.267, 106.695
Yxy	30.8443, 0.3668, 0.4184
Android (android.graphics.Color)	4288322145 (0xFF9A9A61)
YUV	147.5020, -24.8975, 5.6987
Hunter-Lab	55.5376, -10.2843, 21.9686

Details

The XYZ color **27.0397, 30.8443, 15.8377** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0384, 13.4247, 32.3723**, and the grayscale version is **28.0366, 29.4967, 32.1219**.

A 20% lighter version of the original color is **54.1957, 60.8052, 36.8971**, and **10.8841, 12.7470, 4.7925** is the 20% darker color. If you saturate the color by 10%, you get **26.3904, 30.5856, 12.4161**, and if you desaturate by 10%, it is **27.8300, 31.1615, 19.9949**.

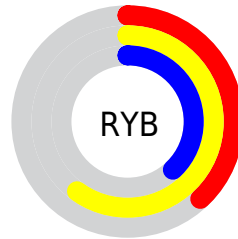
Distribution



Red (60%)

Green (60%)

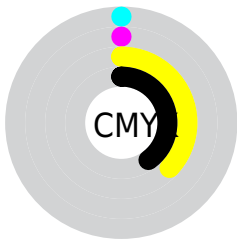
Blue (38%)



Red (38%)

Yellow (60%)

Blue (38%)

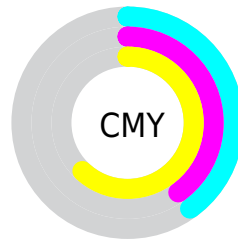


Cyan (0%)

Magenta (0%)

Yellow (37%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0397, 30.8443, 15.8377 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 27.0397, 30.8443, 15.8377 by changing the saturation by 10% instead.

■ 27.0397, 30.8443,
15.8377

■ 27.0397, 30.8443,
15.8377

280.0133,
305.8204, 240.1950

■ 17.7398, 20.4803,
9.2563

■ 54.3670, 60.9949,
37.0791

■ 10.8619, 12.7447,
4.8096

■ 73.1251, 81.5502,
52.5761

■ 6.0406, 7.2530,
2.0792

■ 95.7666, 106.2715,
71.8821

■ 2.9107, 3.6208,
0.6034

■ 122.6570,
135.5431, 95.4155

■ 1.1067, 1.4638,
0.0000

154.1614,
169.7494, 123.5950

■ 0.0307, 0.2630,
0.0000

190.6454,

■ 0.0000, 0.0000,

209.2747, 156.8391

0.0000

232.4743,
254.5036, 195.5662

■ 27.0397, 30.8443,
15.8377

■ 27.0397, 30.8443,
15.8377

■ 26.3904, 30.5856,
12.4161

■ 27.8300, 31.1615,
19.9949

■ 25.8716, 30.3781,
9.6854

■ 28.7664, 31.5361,
24.9250

■ 25.4752, 30.2195,
7.5992

■ 29.8567, 31.9723,
30.6650

■ 25.1912, 30.1059,
6.1047

■ 31.1072, 32.4725,
37.2491

■ 25.0079, 30.0326,
5.1406

■ 32.5241, 33.0393,
44.7094

■ 24.9066, 29.9920,
4.6084

■ 34.1133, 33.6750,
53.0765

■ 24.8814, 29.9819,
4.4757

■ 35.8801, 34.3817,
62.3794

■ 37.8299, 35.1617,
72.6457

■ 39.9677, 36.0168,
83.9022

Harmonies

Analogous

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



31.2300, 30.8443, 15.6224



27.0397, 30.8443, 15.8377



23.7829, 30.8443, 19.9980

Triad

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



27.0397, 30.8443, 15.8377



24.0804, 30.8443, 53.5661



37.9731, 30.8443, 39.2398

Complementary

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



27.0397, 30.8443, 15.8377



15.0384, 13.4247, 32.3723

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.



35.6482, 30.8443, 52.2456



27.0397, 30.8443, 15.8377



27.4829, 30.8443, 61.7630

Square

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



27.0397, 30.8443, 15.8377



22.1904, 30.8443, 40.7366



31.7178, 30.8443, 61.2287



37.8252, 30.8443, 27.3222

Rectangle

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



27.0397, 30.8443, 15.8377



22.4581, 30.8443, 25.1798



31.7178, 30.8443, 61.2287



37.4460, 30.8443, 43.6771

Sweetspot

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



27.0405, 30.8457, 15.8383



53.3659, 57.7296, 51.1323



19.7598, 16.2833, 13.4112



12.0230, 13.0444, 11.2782



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.0405, 30.8457, 15.8383



48.1686, 55.6505, 23.7702



22.2451, 28.3736, 15.6139



6.7089, 7.2229, 6.6464



20.2703, 24.4256, 3.6463



0.3031, 0.3652, 0.0545

Inverse Universe

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



15.0384, 13.4247, 32.3723



23.2665, 19.5053, 58.0749



18.6390, 15.2809, 32.5408



5.8845, 6.0263, 7.7820



4.7522, 1.9009, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 27.0397, 30.8443, 15.8377 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 27.0397, 30.8443, 15.8377 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

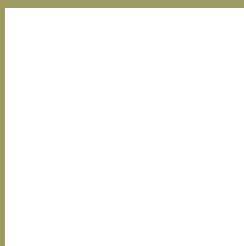
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0397, 30.8443, 15.8377

Background



This preview shows how black text looks on a background with the XYZ color 27.0397, 30.8443, 15.8377.



This preview shows how white text looks on a background with the XYZ color 27.0397, 30.8443,

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

27.0397, 30.8443, 15.8377

Protanopia

28.4878, 30.8703, 15.5234

Deuteranopia

31.2814, 30.6711, 16.0758



Tritanopia

31.3032, 30.9131, 36.6647

Trichromacy



Original Color

27.0397, 30.8443, 15.8377

Protanomaly

27.8368, 30.7746, 15.5393

Deuteranomaly

29.5891, 30.7196, 15.9252

Tritanomaly

29.4508, 30.8594, 27.6968

Monochromacy



Original Color

27.0397, 30.8443, 15.8377

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4465, 29.8817, 25.0900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0397, 30.8443, 15.8377 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(154, 154, 97)` looks like.

```
.text, #text, p{  
    color:rgb(154, 154, 97)  
}
```

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(154, 154, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 154, 97) }
```

Border

The CSS property to change the border of an element to XYZ 27.0397, 30.8443, 15.8377 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(154, 154, 97) }
```


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

```
.border{ border-color:rgb(154, 154, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 154, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 154, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 154, 97);  
box-shadow:4px 4px 4px 4px rgb(154, 154,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0397, 30.8443, 15.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 154, 97) }
```

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

```
.background{ background-color: rgb(154,  
154, 97) }
```

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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