

Converting Colors

XYZ(27.3546, 30.5785, 12.5865)

Have a look what the booklet for
XYZ(27.3546, 30.5785, 12.5865)
contains.

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Color

**XYZ(27.2868, 30.5546,
12.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	A09853
RGB	160, 152, 83
RGB Percent	63%, 60%, 33%
CMY	0.3725, 0.4039, 0.6745
CMYK	0.00, 0.05, 0.48, 0.37
HSL	54°, 32%, 48%
HSV	54°, 48%, 63%
XYZ	27.2868, 30.5546, 12.6431
YIQ	146.5260, 26.9170, -19.7630

Conversions

Conversions Part 2

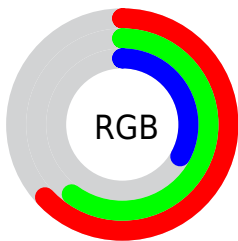
Format	Color
RYB	92, 160, 83
Decimal	10524755
CIELab	62.13, -6.92, 37.13
CIELCh	62, 37.774, 100.560
Yxy	30.5546, 0.3871, 0.4335
Android (android.graphics.Color)	4288714835 (0xFFA09853)
YUV	146.5260, -31.3183, 11.8167
Hunter-Lab	55.2762, -8.6178, 25.1322

Details

The XYZ color **27.2868, 30.5546, 12.6431** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6535, 11.8589, 34.8271**, and the grayscale version is **27.6555, 29.0957, 31.6852**.

A 20% lighter version of the original color is **54.6933, 60.4628, 31.3421**, and **11.0205, 12.5545, 3.4325** is the 20% darker color. If you saturate the color by 10%, you get **26.4715, 29.8011, 9.6675**, and if you desaturate by 10%, it is **28.2499, 31.3755, 16.3720**.

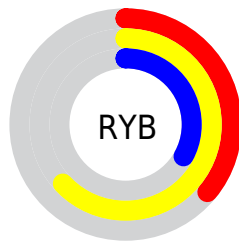
Distribution



Red (63%)

Green (60%)

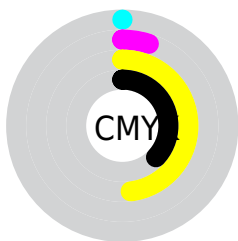
Blue (33%)



Red (36%)

Yellow (63%)

Blue (33%)

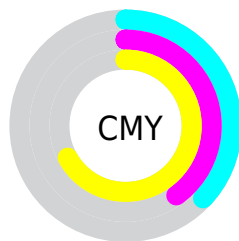


Cyan (0%)

Magenta (5%)

Yellow (48%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2868, 30.5546, 12.6431 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 27.2868, 30.5546, 12.6431 by changing the saturation by 10% instead.

■ 27.2868, 30.5546,
12.6431

■ 27.2868, 30.5546,
12.6431

281.1854,
304.4811, 219.7444

■ 17.9264, 20.2599,
7.0554

■ 54.7604, 60.5381,
31.3428

■ 10.9966, 12.5841,
3.4178

■ 73.6043, 80.9958,
45.2919

■ 6.1318, 7.1428,
1.3117

■ 96.3402, 105.6099,
62.8653

■ 2.9668, 3.5516,
0.0714

■ 123.3333,
134.7649, 84.4814

■ 1.1362, 1.4260,
0.0000

■ 154.9490,
168.8451, 110.5588

■ 0.0551, 0.2358,
0.0000

191.5527,

■ 0.0000, 0.0000,

208.2349, 141.5161

0.0000

233.5097,
253.3188, 177.7718

■ 27.2868, 30.5546,
12.6431

■ 27.2868, 30.5546,
12.6431

■ 26.4715, 29.8011,
9.6675

■ 28.2499, 31.3755,
16.3720

■ 25.7919, 29.1068,
7.3910

■ 29.3677, 32.2632,
20.8999

■ 25.2374, 28.4686,
5.7551

■ 30.6491, 33.2225,
26.2707

■ 24.7950, 27.8811,
4.6909

■ 32.1019, 34.2564,
32.5248

■ 24.4411, 27.3350,
4.0742

■ 33.7331, 35.3678,
39.7000

■ 24.3776, 27.2344,
3.9719

■ 35.5497, 36.5595,
47.8319

■ 37.5579, 37.8341,
56.9542

■ 39.7639, 39.1940,
67.0988

■ 42.1735, 40.6416,
78.2963

Harmonies

Analogous

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



32.4165, 30.5546, 13.2406



27.2868, 30.5546, 12.6431



23.1390, 30.5546, 16.2143

Triad

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



27.2868, 30.5546, 12.6431



22.2317, 30.5546, 54.9875



39.2655, 30.5546, 43.4796

Complementary

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



27.2868, 30.5546, 12.6431



13.6535, 11.8589, 34.8271

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.



35.8704, 30.5546, 59.3826



27.2868, 30.5546, 12.6431



25.9088, 30.5546, 67.2544

Square

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



27.2868, 30.5546, 12.6431



20.4548, 30.5546, 38.6662



30.8693, 30.5546, 69.0633



39.7463, 30.5546, 28.3986

Rectangle

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



27.2868, 30.5546, 12.6431



21.3350, 30.5546, 21.3217



30.8693, 30.5546, 69.0633



38.4101, 30.5546, 49.0077

Sweetspot

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



27.2875, 30.5560, 12.6437



56.6291, 61.0297, 51.8824



19.5217, 14.4329, 11.8787



12.3050, 13.3023, 10.8881



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.2875, 30.5560, 12.6437



47.9312, 53.9802, 17.0869



23.4126, 30.5504, 12.8469



7.1113, 7.6026, 7.0783



19.0085, 21.2527, 3.1003



0.3551, 0.4105, 0.0605

Inverse Universe

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



13.6535, 11.8589, 34.8271



20.1258, 15.8687, 62.3888



16.1868, 12.2037, 34.7601



6.3374, 6.5406, 8.3351



5.1112, 2.3139, 26.0845



0.1056, 0.0698, 0.4711

Previews

White Background



This preview shows how the XYZ color 27.2868, 30.5546, 12.6431 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 27.2868, 30.5546, 12.6431 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 27.2868, 30.5546, 12.6431

Background



This preview shows how black text looks on a background with the XYZ color 27.2868, 30.5546, 12.6431.



This preview shows how white text looks on a background with the XYZ color 27.2868, 30.5546,

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

27.2868, 30.5546, 12.6431

Protanopia

27.9464, 30.4212, 12.3816

Deuteranopia

30.9906, 30.3681, 12.8226



Tritanopia

31.8260, 30.5286, 35.2255

Trichromacy



Original Color

27.2868, 30.5546, 12.6431

Protanomaly

27.6939, 30.5289, 12.4157

Deuteranomaly

29.5583, 30.3118, 12.6804

Tritanomaly

29.7060, 30.3449, 25.0604

Monochromacy



Original Color

27.2868, 30.5546, 12.6431

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3344, 29.6255, 23.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2868, 30.5546, 12.6431 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(160, 152, 83)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 83)  
}
```

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(160, 152, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 83) }
```

Border

The CSS property to change the border of an element to XYZ 27.2868, 30.5546, 12.6431 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(160, 152, 83) }
```


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

```
.border{ border-color:rgb(160, 152, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 152, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 83);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2868, 30.5546, 12.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 83) }
```

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

```
.background{ background-color: rgb(160,  
152, 83) }
```

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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