

Converting Colors

XYZ(27.5948, 30.2073, 12.3487)

Have a look what the booklet for
XYZ(27.5948, 30.2073, 12.3487)
contains.

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Color

**XYZ(27.5336, 30.2084,
12.3623)**

Conversions

Conversions Part 1

Format	Color
Hex	A39652
RGB	163, 150, 82
RGB Percent	64%, 59%, 32%
CMY	0.3608, 0.4117, 0.6784
CMYK	0.00, 0.08, 0.50, 0.36
HSL	50°, 33%, 48%
HSV	50°, 50%, 64%
XYZ	27.5336, 30.2084, 12.3623
YIQ	146.1350, 29.5760, -18.3920

Conversions

Conversions Part 2

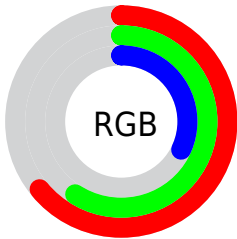
Format	Color
RYB	97, 163, 82
Decimal	10720850
CIELab	61.83, -4.65, 37.35
CIELCh	62, 37.640, 97.104
Yxy	30.2084, 0.3928, 0.4309
Android (android.graphics.Color)	4288910930 (0xFFA39652)
YUV	146.1350, -31.6186, 14.7906
Hunter-Lab	54.9622, -6.7632, 25.1378

Details

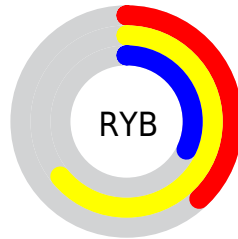
The XYZ color **27.5336, 30.2084, 12.3623** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1827, 12.6223, 36.3391**, and the grayscale version is **27.4948, 28.9267, 31.5011**.

A 20% lighter version of the original color is **55.0399, 59.9393, 30.8588**, and **11.0572, 12.2904, 3.3029** is the 20% darker color. If you saturate the color by 10%, you get **26.5732, 29.1650, 9.3372**, and if you desaturate by 10%, it is **28.6522, 31.3322, 16.1678**.

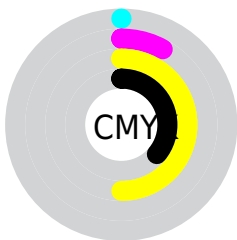
Distribution



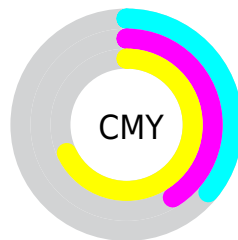
- Red (64%)
- Green (59%)
- Blue (32%)



- Red (38%)
- Yellow (64%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5336, 30.2084, 12.3623 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 27.5336, 30.2084, 12.3623 by changing the saturation by 10% instead.

■ 27.5336, 30.2084,
12.3623

■ 27.5336, 30.2084,
12.3623

282.3522,
302.8746, 217.8516

■ 18.1130, 19.9968,
6.8654

■ 55.1528, 59.9916,
30.8275

■ 11.1313, 12.3927,
3.3009

■ 74.0822, 80.3320,
44.6328

■ 6.2232, 7.0117,
1.2503

■ 96.9118, 104.8175,
62.0447

■ 3.0232, 3.4694,
0.0205

■ 124.0072,
133.8324, 83.4817

■ 1.1661, 1.3814,
0.0000

■ 155.7335,
167.7612, 109.3624

■ 0.0793, 0.2030,
0.0000

192.4562,

■ 0.0000, 0.0000,

206.9882, 140.1052

0.0000

234.5407,
251.8979, 176.1288

■ 27.5336, 30.2084,
12.3623

■ 27.5336, 30.2084,
12.3623

■ 26.5732, 29.1650,
9.3372

■ 28.6522, 31.3322,
16.1678

■ 25.7580, 28.1934,
7.0347

■ 29.9363, 32.5361,
20.8021

■ 25.0768, 27.2901,
5.3922

■ 31.3956, 33.8251,
26.3121

■ 24.5154, 26.4494,
4.3354

■ 33.0382, 35.2027,
32.7404

■ 24.0424, 25.6585,
3.6998

■ 34.8716, 36.6718,
40.1271

■ 24.0282, 25.6345,
3.6815

■ 36.9032, 38.2356,
48.5095

■ 39.1397, 39.8969,
57.9234

■ 41.5876, 41.6582,
68.4025

■ 44.2531, 43.5222,
79.9790

Harmonies

Analogous

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



32.6386, 30.2084, 13.4160



27.5336, 30.2084, 12.3623



23.2680, 30.2084, 15.3878

Triad

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



27.5336, 30.2084, 12.3623



21.6738, 30.2084, 52.5726



38.5666, 30.2084, 44.8779

Complementary

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



27.5336, 30.2084, 12.3623



14.1827, 12.6223, 36.3391

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.



34.9455, 30.2084, 60.2716



27.5336, 30.2084, 12.3623



25.1140, 30.2084, 65.5434

Square

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



27.5336, 30.2084, 12.3623



20.1504, 30.2084, 36.4345



29.9239, 30.2084, 68.7099



39.4093, 30.2084, 29.5865

Rectangle

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



27.5336, 30.2084, 12.3623



21.3382, 30.2084, 20.0335



29.9239, 30.2084, 68.7099



37.6150, 30.2084, 50.3300

Sweetspot

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



27.5343, 30.2098, 12.3629



57.4843, 61.6474, 51.9973



20.2101, 14.6568, 12.7103



12.7805, 13.7357, 11.1715



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.5343, 30.2098, 12.3629



47.3677, 51.9774, 16.0598



24.7737, 32.0379, 12.8613



7.5522, 8.0429, 7.5345



18.7020, 19.9779, 2.8704



0.4173, 0.4684, 0.0684

Inverse Universe

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



14.1827, 12.6223, 36.3391



20.6102, 16.7615, 64.2051



15.9351, 11.9305, 36.1132



6.7880, 7.0350, 8.9032



5.4507, 2.6807, 27.1599



0.1390, 0.1054, 0.5789

Previews

White Background



This preview shows how the XYZ color 27.5336, 30.2084, 12.3623 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 27.5336, 30.2084, 12.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

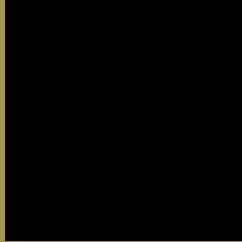
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5336, 30.2084, 12.3623

Background



This preview shows how black text looks on a background with the XYZ color 27.5336, 30.2084, 12.3623.



This preview shows how white text looks on a background with the XYZ color 27.5336, 30.2084,

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

27.5336, 30.2084, 12.3623

Protanopia

27.7392, 30.3144, 12.3719

Deuteranopia

30.5646, 29.9312, 12.5539



Tritanopia

32.0003, 30.1920, 34.2780

Trichromacy



Original Color

27.5336, 30.2084, 12.3623

Protanomaly

27.7392, 30.3144, 12.3719

Deuteranomaly

29.3659, 29.9893, 12.4244

Tritanomaly

29.8925, 29.9986, 24.2935

Monochromacy



Original Color

27.5336, 30.2084, 12.3623

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9578, 28.9729, 22.9104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5336, 30.2084, 12.3623 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(163, 150, 82)` looks like.

```
.text, #text, p{  
    color:rgb(163, 150, 82)  
}
```

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(163, 150, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 150, 82) }
```

Border

The CSS property to change the border of an element to XYZ 27.5336, 30.2084, 12.3623 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(163, 150, 82) }
```


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

```
.border{ border-color:rgb(163, 150, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 150, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 150, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 150, 82);  
box-shadow:4px 4px 4px 4px rgb(163, 150,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5336, 30.2084, 12.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 150, 82) }
```

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

```
.background{ background-color: rgb(163,  
150, 82) }
```

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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