

Converting Colors

XYZ(27.5111, 30.4025, 21.4555)

Have a look what the booklet for
XYZ(27.5111, 30.4025, 21.4555)
contains.

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Color

**XYZ(27.6351, 30.5368,
21.5772)**

Conversions

Conversions Part 1

Format	Color
Hex	999876
RGB	153, 152, 118
RGB Percent	60%, 60%, 46%
CMY	0.4000, 0.4039, 0.5372
CMYK	0.00, 0.01, 0.23, 0.40
HSL	58°, 15%, 53%
HSV	58°, 23%, 60%
XYZ	27.6351, 30.5368, 21.5772
YIQ	148.4230, 11.5100, -10.3620

Conversions

Conversions Part 2

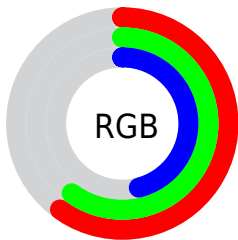
Format	Color
RYB	119, 153, 118
Decimal	10066038
CIELab	62.11, -5.46, 18.08
CIELCh	62, 18.884, 106.806
Yxy	30.5368, 0.3465, 0.3829
Android (android.graphics.Color)	4288256118 (0xFF999876)
YUV	148.4230, -14.9985, 4.0140
Hunter-Lab	55.2601, -7.4389, 15.5313

Details

The XYZ color **27.6351, 30.5368, 21.5772** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.8177, 19.3446, 32.8264**, and the grayscale version is **28.3831, 29.8612, 32.5189**.

A 20% lighter version of the original color is **55.3394, 60.4548, 46.7825**, and **11.2073, 12.5618, 7.4642** is the 20% darker color. If you saturate the color by 10%, you get **26.7285, 30.0623, 17.1474**, and if you desaturate by 10%, it is **28.6911, 31.0735, 26.7852**.

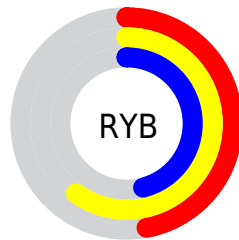
Distribution



Red (60%)

Green (60%)

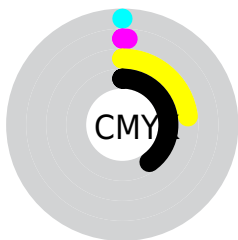
Blue (46%)



Red (47%)

Yellow (60%)

Blue (46%)

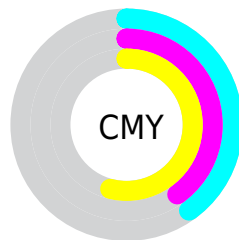


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6351, 30.5368, 21.5772 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 27.6351, 30.5368, 21.5772 by changing the saturation by 10% instead.

■ 27.6351, 30.5368,
21.5772

■ 27.6351, 30.5368,
21.5772

282.8310,
304.3987, 273.2114

■ 18.1898, 20.2464,
13.3512

■ 55.3141, 60.5101,
46.9394

■ 11.1869, 12.5743,
7.5373

■ 74.2785, 80.9617,
64.9127

■ 6.2609, 7.1361,
3.7168

■ 97.1466, 105.5692,
86.9722

■ 3.0465, 3.5473,
1.4713

124.2838,
134.7170, 113.5364

■ 1.1784, 1.4237,
0.1964

156.0555,
168.7894, 145.0239

■ 0.0892, 0.2341,
0.0000

192.8271,

■ 0.0000, 0.0000,

208.1709, 181.8532

0.0000

234.9637,
253.2459, 224.4428

■ 27.6351, 30.5368,
21.5772

■ 27.6351, 30.5368,
21.5772

■ 26.7285, 30.0623,
17.1474

■ 28.6911, 31.0735,
26.7852

■ 25.9617, 29.6432,
13.4564

■ 29.9007, 31.6711,
32.8044

■ 25.3279, 29.2776,
10.4644

■ 31.2709, 32.3333,
39.6681

■ 24.8187, 28.9623,
8.1271

■ 32.8077, 33.0625,
47.4073

■ 24.4247, 28.6934,
6.3951

■ 34.5165, 33.8610,
56.0513

■ 24.1351, 28.4668,
5.2117

■ 36.4027, 34.7309,
65.6282

■ 23.9372, 28.2773,
4.5100

■ 38.4714, 35.6741,
76.1649

■ 23.8284, 28.1553,
4.1786

■ 40.7274, 36.6928,
87.6870

■ 43.0624, 37.7434,
99.6233

Harmonies

Analogous

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



30.1533, 30.5368, 21.4067



27.6351, 30.5368, 21.5772



25.6076, 30.5368, 24.5655

Triad

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



27.6351, 30.5368, 21.5772



25.8083, 30.5368, 44.5237



34.0434, 30.5368, 36.5451

Complementary

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



27.6351, 30.5368, 21.5772



19.8177, 19.3446, 32.8264

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.



32.7322, 30.5368, 43.7708



27.6351, 30.5368, 21.5772



27.9238, 30.5368, 48.8100

Square

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



27.6351, 30.5368, 21.5772



24.5958, 30.5368, 37.4594



30.4593, 30.5368, 48.5159



33.9548, 30.5368, 29.3673

Rectangle

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



27.6351, 30.5368, 21.5772



24.7629, 30.5368, 28.0395



30.4593, 30.5368, 48.5159



33.7486, 30.5368, 39.0677

Sweetspot

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



27.6359, 30.5382, 21.5778



52.5906, 56.2491, 53.9716



22.9554, 21.0655, 20.3619



11.5877, 12.4081, 11.7939



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.6359, 30.5382, 21.5778



48.7035, 54.2804, 34.7780



24.9234, 29.3808, 21.4974



6.6938, 7.1927, 6.6414



19.6980, 23.2784, 3.4550



0.2985, 0.3561, 0.0530

Inverse Universe

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



19.8177, 19.3446, 32.8264



32.4001, 30.9386, 58.2361



22.1132, 20.3529, 32.9001



5.8979, 6.0531, 7.7865



4.7954, 1.9875, 25.0386



0.0750, 0.0363, 0.3754

Previews

White Background



This preview shows how the XYZ color 27.6351, 30.5368, 21.5772 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 27.6351, 30.5368, 21.5772 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

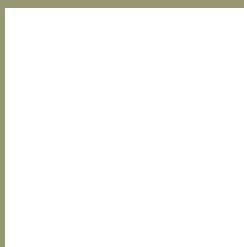
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6351, 30.5368, 21.5772

Background



This preview shows how black text looks on a background with the XYZ color 27.6351, 30.5368, 21.5772.



This preview shows how white text looks on a background with the XYZ color 27.6351, 30.5368,

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

27.6351, 30.5368, 21.5772

Protanopia

28.6144, 30.5706, 21.2222

Deuteranopia

31.0426, 30.4165, 22.0042



Tritanopia

30.7058, 30.6052, 36.6368

Trichromacy



Original Color

27.6351, 30.5368, 21.5772

Protanomaly

28.1821, 30.5857, 21.2479

Deuteranomaly

29.6998, 30.4148, 21.7581

Tritanomaly

29.4157, 30.5460, 30.3322

Monochromacy



Original Color

27.6351, 30.5368, 21.5772

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8405, 29.7851, 27.9487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6351, 30.5368, 21.5772 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(153, 152, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 152, 118)  
}
```

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(153, 152, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 152, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.6351, 30.5368, 21.5772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

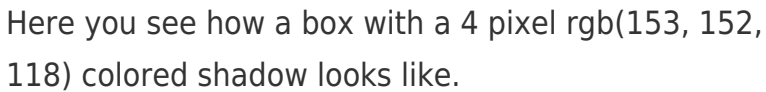
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 152, 118) }
```


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

```
.border{ border-color:rgb(153, 152, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 152, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 152, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 152, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 152,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6351, 30.5368, 21.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 152, 118) }
```

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

```
.background{ background-color: rgb(153,  
152, 118) }
```

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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