

Converting Colors

XYZ(27.5174, 30.4068, 45.9929)

Have a look what the booklet for
XYZ(27.5174, 30.4068, 45.9929)
contains.

XYZ(27.5175, 30.4231, 46.0169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5175, 30.4231,
46.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9AB1
RGB	122, 154, 177
RGB Percent	48%, 60%, 69%
CMY	0.5216, 0.3961, 0.3059
CMYK	0.31, 0.13, 0.00, 0.31
HSL	205°, 26%, 59%
HSV	205°, 31%, 69%
XYZ	27.5175, 30.4231, 46.0169
YIQ	147.0540, -26.4550, 0.3690

Conversions

Conversions Part 2

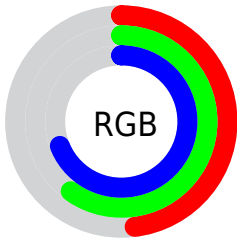
Format	Color
RYB	122, 142, 177
Decimal	8034993
CIELab	62.02, -5.51, -15.58
CIElCh	62, 16.523, 250.512
Yxy	30.4231, 0.2647, 0.2926
Android (android.graphics.Color)	4286225073 (0xFF7A9AB1)
YUV	147.0540, 14.7634, -21.9724
Hunter-Lab	55.1571, -7.4726, -10.8549

Details

The XYZ color **27.5175, 30.4231, 46.0169** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.7703, 31.0036, 22.7231**, and the grayscale version is **27.7050, 29.1478, 31.7420**.

A 20% lighter version of the original color is **55.1684, 60.2250, 85.8077**, and **11.0869, 12.4953, 20.8963** is the 20% darker color. If you saturate the color by 10%, you get **24.0519, 26.8792, 45.5160**, and if you desaturate by 10%, it is **31.5168, 34.3554, 46.5656**.

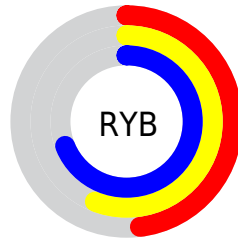
Distribution



Red (48%)

Green (60%)

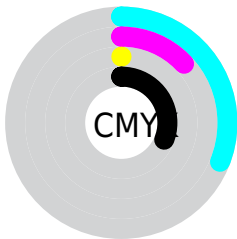
Blue (69%)



Red (48%)

Yellow (56%)

Blue (69%)

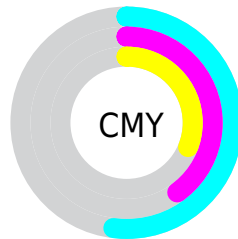


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (40%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5175, 30.4231, 46.0169 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 27.5175, 30.4231, 46.0169 by changing the saturation by 10% instead.

■ 27.5175, 30.4231,
46.0169

■ 27.5175, 30.4231,
46.0169

282.2762,
303.8717, 387.1561

■ 18.1009, 20.1600,
31.9104

■ 55.1272, 60.3306,
85.5788

■ 11.1225, 12.5114,
21.0288

■ 74.0510, 80.7438,
111.8714

■ 6.2172, 7.0929,
12.9536

■ 96.8746, 105.3092,
143.0630

■ 3.0195, 3.5203,
7.2663

123.9632,
134.4110, 179.5722

■ 1.1641, 1.4090,
3.5482

155.6824,
168.4338, 221.8176

■ 0.0777, 0.2234,
1.3809

192.3973,

■ 0.0000, 0.0000,

207.7619, 270.2177

0.1268

234.4735,
252.7797, 325.1910

■ 0.0000, 0.0000,
0.0000

■ 27.5175, 30.4231,
46.0169

■ 27.5175, 30.4231,
46.0169

■ 24.0519, 26.8792,
45.5160

■ 31.5168, 34.3554,
46.5656

■ 21.0910, 23.7047,
45.0594

■ 36.0712, 38.6869,
47.1617

■ 18.6072, 20.8839,
44.6458

■ 41.2043, 43.4324,
47.8071

■ 16.5689, 18.3984,
44.2735

■ 46.9375, 48.6047,
48.5033

■ 14.9401, 16.2275,
43.9403

■ 53.2909, 54.2162,
49.2515

■ 13.6784, 14.3472,
43.6439

■ 60.2838, 60.2784,
50.0531

■ 12.7847, 12.8720,
43.4062

■ 67.9346, 66.8027,
50.9092

■ 73.0243, 72.1311,
51.6694

■ 74.9312, 75.9450,
52.3051

Harmonies

Analogous

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



25.7953, 30.4231, 41.7047



27.5175, 30.4231, 46.0169



29.7008, 30.4231, 46.6352

Triad

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



27.5175, 30.4231, 46.0169



33.3126, 30.4231, 30.9481



26.2349, 30.4231, 24.6849

Complementary

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



27.5175, 30.4231, 46.0169



31.7703, 31.0036, 22.7231

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.



28.1456, 30.4231, 22.5149



27.5175, 30.4231, 46.0169



32.2792, 30.4231, 25.8119

Square

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



27.5175, 30.4231, 46.0169



33.1233, 30.4231, 37.3670



30.3616, 30.4231, 22.8993



25.0814, 30.4231, 29.2179

Rectangle

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



27.5175, 30.4231, 46.0169



31.1347, 30.4231, 44.7941



30.3616, 30.4231, 22.8993



26.8058, 30.4231, 23.6828

Sweetspot

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



27.5184, 30.4243, 46.0176



66.2837, 70.8583, 84.6788



28.8534, 37.6243, 32.4967



14.0932, 15.1025, 18.3166



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.5184, 30.4243, 46.0176



45.1068, 50.2471, 81.8166



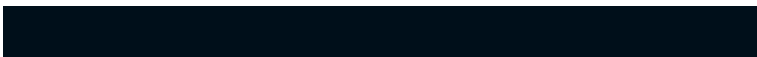
23.4984, 22.3842, 44.6776



8.4389, 9.0240, 10.8034



9.3239, 9.4482, 31.4692



0.3494, 0.4094, 1.0088

Inverse Universe

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



30.9246, 25.6002, 33.8845



52.2717, 40.7593, 56.1464



36.4769, 40.4168, 24.2920



8.6967, 8.5854, 9.9014



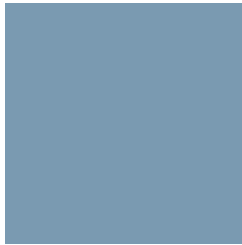
14.9409, 7.4939, 10.1148



0.4984, 0.2471, 0.4673

Previews

White Background



This preview shows how the XYZ color 27.5175, 30.4231, 46.0169 looks on a white background.

Color Contrast Check

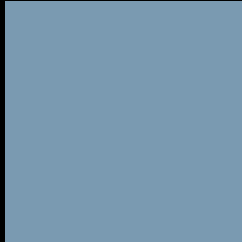
Large Text (above 18pt) WCAG AA × Fail

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 27.5175, 30.4231, 46.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

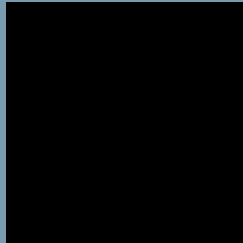
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

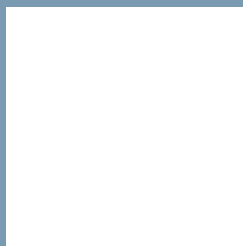
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5175, 30.4231, 46.0169

Background



This preview shows how black text looks on a background with the XYZ color 27.5175, 30.4231, 46.0169.



This preview shows how white text looks on a background with the XYZ color 27.5175, 30.4231,

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

27.5175, 30.4231, 46.0169

Protanopia

29.8098, 30.2167, 43.7964

Deuteranopia

30.9932, 30.2965, 46.8621



Tritanopia

26.7021, 30.5972, 41.5443

Trichromacy



Original Color

27.5175, 30.4231, 46.0169

Protanomaly

28.8629, 30.1871, 44.3498

Deuteranomaly

29.5985, 30.2847, 46.4050

Tritanomaly

26.9572, 30.4479, 42.9843

Monochromacy



Original Color

27.5175, 30.4231, 46.0169

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5591, 29.6846, 36.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5175, 30.4231, 46.0169 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(122, 154, 177)` looks like.

```
.text, #text, p{  
    color:rgb(122, 154, 177)  
}
```

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(122, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 154, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.5175, 30.4231, 46.0169 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(122, 154, 177) }
```


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

```
.border{ border-color:rgb(122, 154, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 154, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 154, 177);  
box-shadow:4px 4px 4px 4px rgb(122, 154,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5175, 30.4231, 46.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 154, 177) }
```

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

```
.background{ background-color: rgb(122,  
154, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor