

Converting Colors

XYZ(27.4117, 33.3567, 46.7314)

Have a look what the booklet for
XYZ(27.4117, 33.3567, 46.7314)
contains.

XYZ(27.3977, 33.4500, 46.6075)	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(27.3977, 33.4500,
46.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	69A6B1
RGB	105, 166, 177
RGB Percent	41%, 65%, 69%
CMY	0.5882, 0.3490, 0.3059
CMYK	0.41, 0.06, 0.00, 0.31
HSL	189°, 32%, 55%
HSV	189°, 41%, 69%
XYZ	27.3977, 33.4500, 46.6075
YIQ	149.0150, -39.8870, -9.5110

Conversions

Conversions Part 2

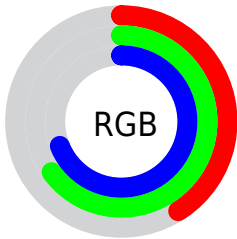
Format	Color
RYB	105, 138, 177
Decimal	6923953
CIELab	64.52, -16.79, -11.89
CIElCh	65, 20.580, 215.307
Yxy	33.4500, 0.2550, 0.3113
Android (android.graphics.Color)	4285114033 (0xFF69A6B1)
YUV	149.0150, 13.7966, -38.6012
Hunter-Lab	57.8360, -16.6550, -7.2941

Details

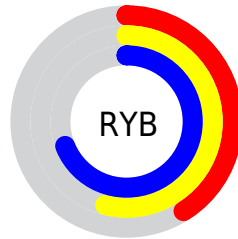
The XYZ color **27.3977, 33.4500, 46.6075** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9272, 22.8583, 16.3582**, and the grayscale version is **28.5300, 30.0158, 32.6872**.

A 20% lighter version of the original color is **54.8625, 64.9670, 86.7391**, and **11.0206, 14.1937, 21.2276** is the 20% darker color. If you saturate the color by 10%, you get **25.0451, 31.5159, 46.3588**, and if you desaturate by 10%, it is **30.1954, 35.6304, 46.8815**.

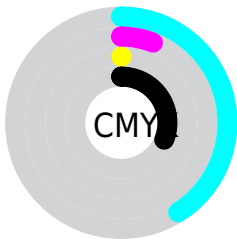
Distribution



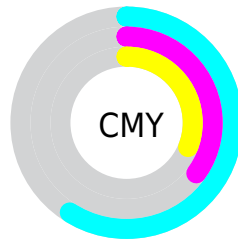
- Red (41%)
- Green (65%)
- Blue (69%)



- Red (41%)
- Yellow (54%)
- Blue (69%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (59%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3977, 33.4500, 46.6075 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 27.3977, 33.4500, 46.6075 by changing the saturation by 10% instead.

■ 27.3977, 33.4500,
46.6075

■ 27.3977, 33.4500,
46.6075

281.7102,
317.6726, 389.5940

■ 18.0103, 22.4714,
32.3734

■ 54.9368, 65.0775,
86.4713

■ 11.0571, 14.2037,
21.3797

■ 73.8191, 86.4951,
112.9380

■ 6.1728, 8.2625,
13.2079

■ 96.5972, 112.1612,
144.3193

■ 2.9921, 4.2634,
7.4394

■ 123.6363,
142.4602, 181.0338

■ 1.1496, 1.8219,
3.6558

155.3018,
177.7764, 223.5000

■ 0.0660, 0.5008,
1.4385

191.9590,

■ 0.0000, 0.0000,

218.4943, 272.1363

0.1715

233.9733,
264.9982, 327.3615

■ 0.0000, 0.0000,
0.0000

■ 27.3977, 33.4500,
46.6075

■ 27.3977, 33.4500,
46.6075

■ 25.0451, 31.5159,
46.3588

■ 30.1954, 35.6304,
46.8815

■ 23.1074, 29.8102,
46.1317

■ 33.4598, 38.0661,
47.1796

■ 21.5554, 28.3186,
45.9255

■ 37.2150, 40.7703,
47.5036

■ 20.3549, 27.0231,
45.7388

■ 41.4822, 43.7541,
47.8546

■ 19.4652, 25.9029,
45.5694

■ 46.2818, 47.0280,
48.2336

■ 18.8364, 24.9752,
45.4235

■ 51.6325, 50.6018,
48.6414

■ 57.5526, 54.4851,
49.0789

■ 64.0592, 58.6866,
49.5470

■ 67.6625, 61.4076,
49.8822

Harmonies

Analogous

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



26.4879, 33.4500, 37.9402



27.3977, 33.4500, 46.6075



29.4887, 33.4500, 53.2082

Triad

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



27.3977, 33.4500, 46.6075



37.2134, 33.4500, 43.6153



31.2730, 33.4500, 22.5572

Complementary

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



27.3977, 33.4500, 46.6075



26.9272, 22.8583, 16.3582

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.



34.2148, 33.4500, 23.5985



27.3977, 33.4500, 46.6075



37.7635, 33.4500, 34.9436

Square

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



27.3977, 33.4500, 46.6075



35.1752, 33.4500, 51.3025



36.6354, 33.4500, 27.8393



28.6353, 33.4500, 24.7381

Rectangle

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



27.3977, 33.4500, 46.6075



31.3328, 33.4500, 55.0663



36.6354, 33.4500, 27.8393



32.2581, 33.4500, 22.5462

Sweetspot

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



27.3987, 33.4513, 46.6083



65.5636, 72.2451, 84.9844



24.6893, 35.7046, 22.0533



14.0183, 15.5208, 18.4013



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.



27.3987, 33.4513, 46.6083



45.1789, 56.7181, 83.0618



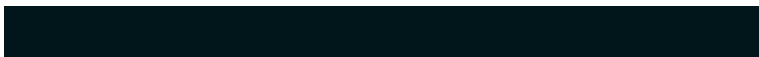
21.7715, 22.1969, 44.7326



8.6299, 9.4060, 10.8670



13.6830, 18.1664, 32.9223



0.4603, 0.6312, 1.0458

Inverse Universe

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



30.0668, 22.2043, 38.7790



50.7637, 34.2432, 66.4344



31.8778, 32.7594, 18.0084



8.7931, 8.6240, 10.4091



17.1412, 8.3740, 21.7014



0.5544, 0.2695, 0.7620

Previews

White Background



This preview shows how the XYZ color 27.3977, 33.4500, 46.6075 looks on a white background.

Color Contrast Check

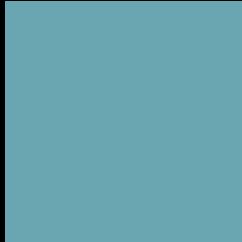
Large Text (above 18pt) WCAG AA × Fail

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 27.3977, 33.4500, 46.6075 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 27.3977, 33.4500, 46.6075

Background



This preview shows how black text looks on a background with the XYZ color 27.3977, 33.4500, 46.6075.



This preview shows how white text looks on a background with the XYZ color 27.3977, 33.4500,

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

27.3977, 33.4500, 46.6075

Protanopia

32.3035, 33.2150, 42.7388

Deuteranopia

33.7645, 33.1227, 47.7938



Tritanopia

27.7168, 33.5913, 47.6708

Trichromacy



Original Color

27.3977, 33.4500, 46.6075

Protanomaly

30.0943, 33.0476, 44.3279

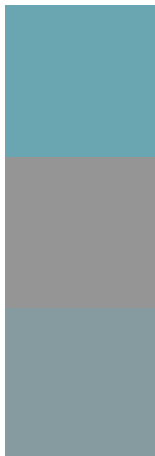
Deuteranomaly

30.8411, 32.8576, 47.3645

Tritanomaly

27.6160, 33.5510, 47.1399

Monochromacy



Original Color

27.3977, 33.4500, 46.6075

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6522, 30.9324, 37.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3977, 33.4500, 46.6075 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(105, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(105, 166, 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(105, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 166, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.3977, 33.4500, 46.6075 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(105, 166, 177) }
```


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

```
.border{ border-color:rgb(105, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(105, 166,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3977, 33.4500, 46.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 166, 177) }
```

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

```
.background{ background-color: rgb(105,  
166, 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](#).

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