

Converting Colors

XYZ(27.5886, 35.7864, 46.5277)

Have a look what the booklet for
XYZ(27.5886, 35.7864, 46.5277)
contains.

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Color

**XYZ(27.5886, 35.7864,
46.5277)**

Conversions

Conversions Part 1

Format	Color
Hex	5EAEB0
RGB	94, 174, 176
RGB Percent	37%, 68%, 69%
CMY	0.6314, 0.3176, 0.3098
CMYK	0.47, 0.01, 0.00, 0.31
HSL	181°, 34%, 53%
HSV	181°, 47%, 69%
XYZ	27.5886, 35.7864, 46.5277
YIQ	150.3080, -48.3220, -16.3380

Conversions

Conversions Part 2

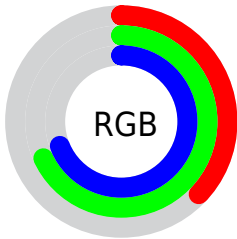
Format	Color
RYB	94, 134, 176
Decimal	6205104
CIELab	66.36, -23.93, -8.65
CIElCh	66, 25.444, 199.871
Yxy	35.7864, 0.2510, 0.3256
Android (android.graphics.Color)	4284395184 (0xFF5EAE B0)
YUV	150.3080, 12.6662, -49.3821
Hunter-Lab	59.8217, -22.3674, -4.2389

Details

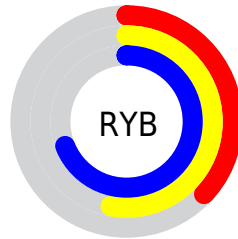
The XYZ color **27.5886, 35.7864, 46.5277** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.1083, 18.4045, 12.8722**, and the grayscale version is **29.0837, 30.5983, 33.3216**.

A 20% lighter version of the original color is **55.4400, 68.9039, 86.7217**, and **11.1686, 15.4873, 21.4695** is the 20% darker color. If you saturate the color by 10%, you get **25.9031, 34.7955, 46.4259**, and if you desaturate by 10%, it is **29.6880, 36.9927, 46.6505**.

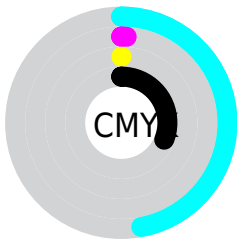
Distribution



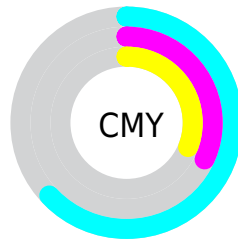
- Red (37%)
- Green (68%)
- Blue (69%)



- Red (37%)
- Yellow (53%)
- Blue (69%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5886, 35.7864, 46.5277 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 27.5886, 35.7864, 46.5277 by changing the saturation by 10% instead.

■ 27.5886, 35.7864,
46.5277

■ 27.5886, 35.7864,
46.5277

282.6117,
328.0260, 389.2652

■ 18.1546, 24.2693,
32.3108

■ 55.2402, 68.7023,
86.3508

■ 11.1614, 15.5335,
21.3322

■ 74.1885, 90.8698,
112.7940

■ 6.2436, 9.1947,
13.1734

■ 97.0391, 117.3562,
144.1498

■ 3.0358, 4.8684,
7.4160

■ 124.1571,
148.5460, 180.8366

■ 1.1727, 2.1702,
3.6412

155.9080,
184.8234, 223.2730

■ 0.0847, 0.7037,
1.4306

192.6572,

■ 0.0000, 0.0000,

226.5730, 271.8775

0.1655

234.7700,
274.1790, 327.0687

■ 0.0000, 0.0000,
0.0000

■ 27.5886, 35.7864,
46.5277

■ 27.5886, 35.7864,
46.5277

■ 25.9031, 34.7955,
46.4259

■ 29.6880, 36.9927,
46.6505

■ 24.6000, 34.0013,
46.3413

■ 32.2237, 38.4235,
46.7930

■ 23.6484, 33.3887,
46.2732

■ 35.2205, 40.0924,
46.9572

■ 23.0112, 32.9386,
46.2199

■ 38.7001, 42.0106,
47.1441

■ 22.6374, 32.6246,
46.1790

■ 42.6832, 44.1887,
47.3546

■ 22.5344, 32.5303,
46.1662

■ 47.1890, 46.6367,
47.5896

■ 52.2358, 49.3640,
47.8500

■ 57.8410, 52.3796,
48.1367

■ 64.0212, 55.6920,
48.4503

Harmonies

Analogous

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



27.3099, 35.7864, 35.3964



27.5886, 35.7864, 46.5277



29.5143, 35.7864, 57.2757

Triad

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



27.5886, 35.7864, 46.5277



39.9183, 35.7864, 54.0850



35.3165, 35.7864, 21.7685

Complementary

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



27.5886, 35.7864, 46.5277



24.1083, 18.4045, 12.8722

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.



38.9490, 35.7864, 25.0435



27.5886, 35.7864, 46.5277



41.7339, 35.7864, 42.7664

Square

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



27.5886, 35.7864, 46.5277



36.5610, 35.7864, 62.1713



41.3666, 35.7864, 32.2702



31.5879, 35.7864, 22.3990

Rectangle

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



27.5886, 35.7864, 46.5277



31.5585, 35.7864, 62.1273



41.3666, 35.7864, 32.2702



36.5935, 35.7864, 22.4213

Sweetspot

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



27.5897, 35.7878, 46.5285



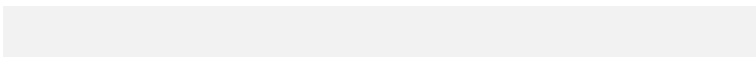
65.2768, 73.4876, 85.2394



22.2244, 34.2640, 16.3571



13.8730, 15.7746, 18.4580



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.



27.5897, 35.7878, 46.5285



46.8740, 63.0438, 84.1935



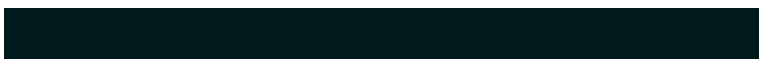
20.9278, 22.4641, 44.3079



8.7246, 9.5953, 10.8986



16.5402, 23.8809, 33.8747



0.5260, 0.7624, 1.0677

Inverse Universe

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



29.5480, 20.2923, 42.4054



50.9027, 31.5551, 75.6246



28.7815, 27.7509, 14.4299



8.8409, 8.6431, 10.6607



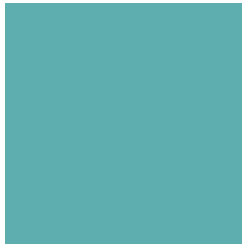
18.5834, 8.9509, 29.2959



0.5875, 0.2827, 0.9365

Previews

White Background



This preview shows how the XYZ color 27.5886, 35.7864, 46.5277 looks on a white background.

Color Contrast Check

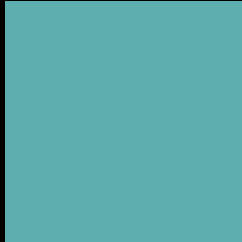
Large Text (above 18pt) WCAG AA × Fail

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 27.5886, 35.7864, 46.5277 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

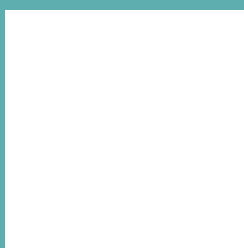
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5886, 35.7864, 46.5277

Background



This preview shows how black text looks on a background with the XYZ color 27.5886, 35.7864, 46.5277.

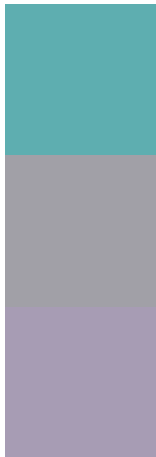


This preview shows how white text looks on a background with the XYZ color 27.5886, 35.7864,

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

27.5886, 35.7864, 46.5277

Protanopia

34.2438, 35.5087, 41.6082

Deuteranopia

36.0630, 35.2877, 48.0905



Tritanopia

28.5452, 35.5916, 51.8197

Trichromacy



Original Color

27.5886, 35.7864, 46.5277



Protanomaly

31.0274, 35.1309, 43.1758



Deuteranomaly

32.0491, 35.0245, 47.7191



Tritanomaly

28.2109, 35.7513, 49.6698

Monochromacy



Original Color

27.5886, 35.7864, 46.5277



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

27.8621, 32.0453, 37.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5886, 35.7864, 46.5277 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(94, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(94, 174, 176)  
}
```

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(94, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 174, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.5886, 35.7864, 46.5277 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(94, 174, 176) }
```


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

```
.border{ border-color:rgb(94, 174, 176) }
```

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

Here you see how a box with a 4 pixel rgb(94, 174, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(94, 174,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5886, 35.7864, 46.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 174, 176) }
```

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

```
.background{ background-color: rgb(94, 174,  
176) }
```

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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