

Converting Colors

XYZ(24.0843, 27.6771, 35.5253)

Have a look what the booklet for
XYZ(24.0843, 27.6771, 35.5253)
contains.

XYZ(24.0843, 27.6771, 35.5253)	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(24.0843, 27.6771,
35.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	75959C
RGB	117, 149, 156
RGB Percent	46%, 58%, 61%
CMY	0.5412, 0.4157, 0.3882
CMYK	0.25, 0.04, 0.00, 0.39
HSL	191°, 16%, 54%
HSV	191°, 25%, 61%
XYZ	24.0843, 27.6771, 35.5253
YIQ	140.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

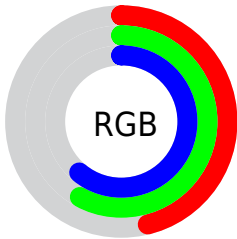
Format	Color
RYB	117, 135, 156
Decimal	7706012
CIELab	59.60, -9.45, -7.35
CIElCh	60, 11.967, 217.882
Yxy	27.6771, 0.2759, 0.3171
Android (android.graphics.Color)	4285896092 (0xFF75959C)
YUV	140.2300, 7.7746, -20.3727
Hunter-Lab	52.6090, -10.3489, -3.2104

Details

The XYZ color **24.0843, 27.6771, 35.5253** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.1291, 22.7676, 19.9530**, and the grayscale version is **24.9940, 26.2956, 28.6359**.

A 20% lighter version of the original color is **49.5664, 55.9111, 69.1523**, and **9.2322, 10.9486, 14.9913** is the 20% darker color. If you saturate the color by 10%, you get **21.7231, 25.8109, 35.2900**, and if you desaturate by 10%, it is **26.8071, 29.7469, 35.7818**.

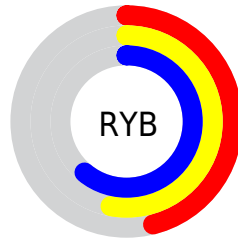
Distribution



Red (46%)

Green (58%)

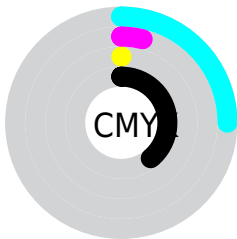
Blue (61%)



Red (46%)

Yellow (53%)

Blue (61%)

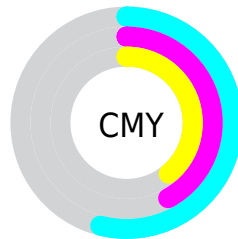


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (39%)



Cyan (54%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0843, 27.6771, 35.5253 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 24.0843, 27.6771, 35.5253 by changing the saturation by 10% instead.

■ 24.0843, 27.6771,
35.5253

■ 24.0843, 27.6771,
35.5253

265.6790,
290.9207, 341.8554

■ 15.5212, 18.0824,
23.7810

■ 49.6214, 55.9685,
69.4595

■ 9.2747, 11.0092,
14.9606

■ 67.3262, 75.4340,
92.4865

■ 4.9793, 6.0730,
8.6454

■ 88.8089, 98.9585,
120.1115

■ 2.2698, 2.8895,
4.4170

114.4349,
126.9265, 152.7531

■ 0.7791, 1.0743,
1.8568

144.5695,
159.7223, 190.8297

■ 0.0000, 0.0000,
0.4650

179.5782,

■ 0.0000, 0.0000,

197.7304, 234.7599

0.0000

219.8262,
241.3350, 284.9623

■ 24.0843, 27.6771,
35.5253

■ 24.0843, 27.6771,
35.5253

■ 21.7231, 25.8109,
35.2900

■ 26.8071, 29.7469,
35.7818

■ 19.7036, 24.1360,
35.0731

■ 29.9053, 32.0254,
36.0583

■ 18.0080, 22.6435,
34.8744

■ 33.3948, 34.5216,
36.3562

■ 16.6153, 21.3227,
34.6929

■ 37.2899, 37.2431,
36.6762

■ 15.5025, 20.1615,
34.5274

■ 41.6042, 40.1969,
37.0189

■ 14.6429, 19.1461,
34.3767

■ 46.3506, 43.3898,
37.3850

■ 14.0026, 18.2590,
34.2392

■ 51.5417, 46.8283,
37.7752

■ 13.7211, 17.8409,
34.1734

■ 57.1891, 50.5187,
38.1898

■ 62.4148, 54.0083,
38.5880

Harmonies

Analogous

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



23.5384, 27.6771, 31.2883



24.0843, 27.6771, 35.5253



25.2300, 27.6771, 38.4981

Triad

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



24.0843, 27.6771, 35.5253



29.0837, 27.6771, 33.3703



25.9108, 27.6771, 22.6385

Complementary

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



24.0843, 27.6771, 35.5253



24.1291, 22.7676, 19.9530

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.



27.4127, 27.6771, 23.0814



24.0843, 27.6771, 35.5253



29.2829, 27.6771, 29.0117

Square

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



24.0843, 27.6771, 35.5253



28.1264, 27.6771, 37.1735



28.6608, 27.6771, 25.3207



24.5664, 27.6771, 24.0474

Rectangle

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



24.0843, 27.6771, 35.5253



26.1993, 27.6771, 39.2150



28.6608, 27.6771, 25.3207



26.4135, 27.6771, 22.5784

Sweetspot

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



24.0851, 27.6782, 35.5259



53.0532, 57.2484, 65.3806



22.8316, 29.0020, 23.2985



11.6067, 12.5480, 14.3806



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.0851, 27.6782, 35.5259



41.2662, 48.3295, 64.2803



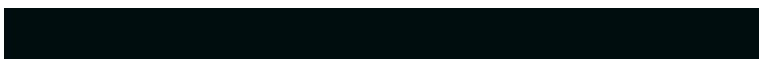
21.3200, 22.1480, 34.6042



6.7206, 7.3069, 8.4628



11.3246, 14.7408, 28.1556



0.2267, 0.3119, 0.5115

Inverse Universe

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



25.4970, 21.9610, 31.3301



44.3220, 36.2734, 55.1283



26.7441, 27.9977, 20.8247



6.8531, 6.7341, 8.0773



14.5144, 7.1103, 17.4914



0.2717, 0.1320, 0.3770

Previews

White Background



This preview shows how the XYZ color 24.0843, 27.6771, 35.5253 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0843, 27.6771, 35.5253 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 × Fail

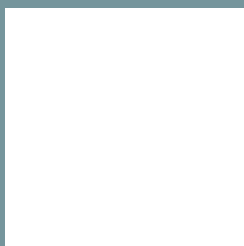
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0843, 27.6771, 35.5253

Background



This preview shows how black text looks on a background with the XYZ color 24.0843, 27.6771, 35.5253.



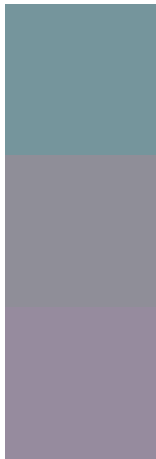
This preview shows how white text looks on a background with the XYZ color 24.0843, 27.6771,

35.5253.

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

24.0843, 27.6771, 35.5253

Protanopia

26.6682, 27.4526, 33.5991

Deuteranopia

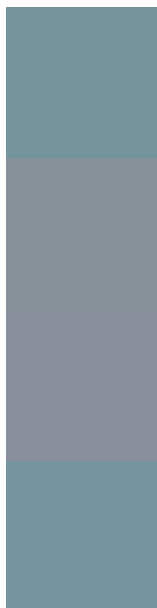
27.9819, 27.4179, 36.1651



Tritanopia

24.4063, 27.5694, 37.2928

Trichromacy



Original Color

24.0843, 27.6771, 35.5253

Protanomaly

25.7067, 27.6190, 34.1131

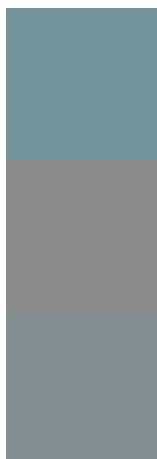
Deuteranomaly

26.3895, 27.4825, 35.8121

Tritanomaly

24.3191, 27.5346, 36.8338

Monochromacy



Original Color

24.0843, 27.6771, 35.5253

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5265, 26.6258, 31.0407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0843, 27.6771, 35.5253 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(117, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(117, 149, 156)  
}
```

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(117, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 149, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.0843, 27.6771, 35.5253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

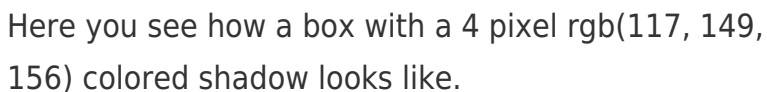
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 149, 156) }
```


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

```
.border{ border-color:rgb(117, 149, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 149, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 149, 156); box-shadow:4px 4px 4px 4px rgb(117, 149, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0843, 27.6771, 35.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 149, 156) }
```

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

```
.background{ background-color: rgb(117,  
149, 156) }
```

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