

Converting Colors

XYZ(8.4601, 10.8350, 13.3525)

Have a look what the booklet for
XYZ(8.4601, 10.8350, 13.3525)
contains.

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Color

**XYZ(8.4966, 10.8851,
13.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	396463
RGB	57, 100, 99
RGB Percent	22%, 39%, 39%
CMY	0.7765, 0.6078, 0.6118
CMYK	0.43, 0.00, 0.01, 0.61
HSL	179°, 27%, 31%
HSV	179°, 43%, 39%
XYZ	8.4966, 10.8851, 13.4576
YIQ	87.0290, -25.3070, -9.4270

Conversions

Conversions Part 2

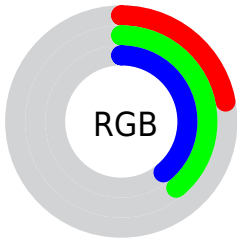
Format	Color
RYB	57, 79, 100
Decimal	3761251
CIELab	39.39, -15.17, -4.13
CIELCh	39, 15.720, 195.234
Yxy	10.8851, 0.2587, 0.3315
Android (android.graphics.Color)	4281951331 (0xFF396463)
YUV	87.0290, 5.9017, -26.3354
Hunter-Lab	32.9926, -11.7678, -1.0895

Details

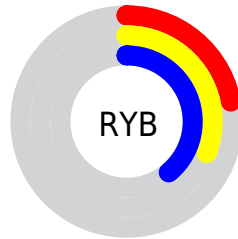
The XYZ color **8.4966, 10.8851, 13.4576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.4827, 5.9412, 4.7556**, and the grayscale version is **9.0572, 9.5288, 10.3769**.

A 20% lighter version of the original color is **22.6350, 27.4610, 32.9617**, and **1.9783, 2.8355, 3.8112** is the 20% darker color. If you saturate the color by 10%, you get **7.9707, 10.6156, 13.3752**, and if you desaturate by 10%, it is **9.1355, 11.2134, 13.5460**.

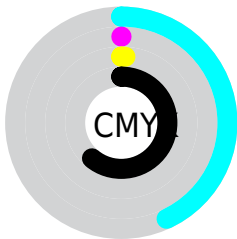
Distribution



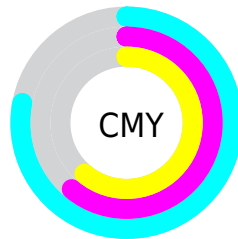
- Red (22%)
- Green (39%)
- Blue (39%)



- Red (22%)
- Yellow (31%)
- Blue (39%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (61%)



- Cyan (78%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.4966, 10.8851, 13.4576 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 8.4966, 10.8851, 13.4576 by changing the saturation by 10% instead.

■ 8.4966, 10.8851,
13.4576

■ 8.4966, 10.8851,
13.4576

173.8646,
196.8776, 225.1398

■ 4.4688, 5.9896,
7.6100

■ 22.6026, 27.4475,
32.8266

■ 1.9706, 2.8388,
3.7622

■ 33.4115, 39.8832,
47.1851

■ 0.6174, 1.0481,
1.4958

■ 47.2114, 55.6011,
65.2176

■ 0.0000, 0.0000,
0.2148

■ 64.3678, 74.9856,
87.3427

■ 0.0000, 0.0000,
0.0000

■ 85.2460, 98.4212,
113.9790

■ 110.2113,

126.2920, 145.5449

139.6290,
158.9827, 182.4589

■ 8.4966, 10.8851,
13.4576

■ 8.4966, 10.8851,
13.4576

■ 7.9707, 10.6156,
13.3752

■ 9.1355, 11.2134,
13.5460

■ 7.5503, 10.4001,
13.2976

■ 9.8925, 11.6024,
13.6398

■ 7.2283, 10.2354,
13.2248

■ 10.7737, 12.0554,
13.7396

■ 6.9964, 10.1171,
13.1564

■ 11.7843, 12.5750,
13.8456

■ 6.8419, 10.0387,
13.0918

■ 12.9292, 13.1640,
13.9581

■ 6.7466, 9.9905,
13.0473

■ 14.2133, 13.8247,
14.0772

■ 15.6410, 14.5593,
14.2033

■ 17.2166, 15.3703,
14.3364

■ 18.9442, 16.2595,
14.4768

Harmonies

Analogous

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



8.4928, 10.8851, 10.4219



8.4966, 10.8851, 13.4576



8.9724, 10.8851, 16.5125

Triad

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



8.4966, 10.8851, 13.4576



11.8660, 10.8851, 16.4703



10.8756, 10.8851, 7.0452

Complementary

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



8.4966, 10.8851, 13.4576



7.4827, 5.9412, 4.7556

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.



11.8530, 10.8851, 8.1630



8.4966, 10.8851, 13.4576



12.4508, 10.8851, 13.4073

Square

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



8.4966, 10.8851, 13.4576



10.8924, 10.8851, 18.4442



12.4459, 10.8851, 10.3795



9.8181, 10.8851, 7.0539

Rectangle

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



8.4966, 10.8851, 13.4576



9.5132, 10.8851, 18.0011



12.4459, 10.8851, 10.3795



11.2260, 10.8851, 7.2919

Sweetspot

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



8.4969, 10.8855, 13.4579



18.8240, 21.1013, 24.0791



7.0662, 10.3228, 5.4910



4.5644, 5.1575, 5.9174



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



8.4969, 10.8855, 13.4579



13.9302, 18.5875, 23.4399



6.8516, 7.5178, 13.1472



2.9010, 3.1841, 3.5800



9.0312, 13.3761, 17.4576



47.0554, 69.7447, 90.8024

Inverse Universe

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



7.4827, 5.9412, 4.7556



11.8848, 8.6115, 5.8861



8.6529, 8.3221, 5.0212



2.8318, 2.8474, 2.9871



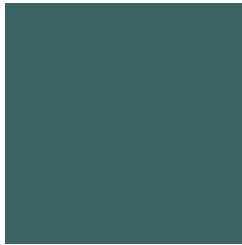
7.0520, 3.6338, 0.4065



36.7347, 18.9339, 1.8805

Previews

White Background



This preview shows how the XYZ color 8.4966, 10.8851, 13.4576 looks on a white 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

Black Background



This preview shows how the XYZ color 8.4966, 10.8851, 13.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

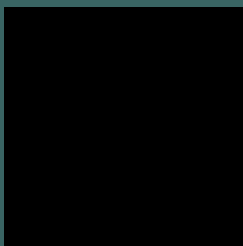
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.4966, 10.8851, 13.4576

Background



This preview shows how black text looks on a background with the XYZ color 8.4966, 10.8851, 13.4576.



This preview shows how white text looks on a background with the XYZ color 8.4966, 10.8851, 13.4576.

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

8.4966, 10.8851, 13.4576

Protanopia

10.3617, 10.7896, 12.1262

Deuteranopia

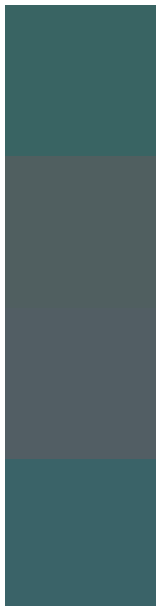
10.9349, 10.7933, 13.8189



Tritanopia

8.9193, 10.9150, 15.5466

Trichromacy



Original Color

8.4966, 10.8851, 13.4576

Protanomaly

9.5118, 10.7344, 12.6370

Deuteranomaly

9.7826, 10.7193, 13.6100

Tritanomaly

8.7055, 10.8227, 14.7269

Monochromacy



Original Color

8.4966, 10.8851, 13.4576

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.6960, 9.9461, 11.3590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.4966, 10.8851, 13.4576 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(57, 100, 99)` looks like.

```
.text, #text, p{  
    color:rgb(57, 100, 99)  
}
```

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(57, 100, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 100, 99) }
```

Border

The CSS property to change the border of an element to XYZ 8.4966, 10.8851, 13.4576 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(57, 100, 99) }
```


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

```
.border{ border-color:rgb(57, 100, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 100, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 100, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 100, 99);  
box-shadow:4px 4px 4px 4px rgb(57, 100,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 8.4966, 10.8851, 13.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 100, 99) }
```

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

```
.background{ background-color: rgb(57, 100,  
99) }
```

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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