

Converting Colors

XYZ(24.9434, 36.0259, 41.9325)

Have a look what the booklet for
XYZ(24.9434, 36.0259, 41.9325)
contains.

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Color

**XYZ(24.8665, 35.9540,
41.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	3CB3A6
RGB	60, 179, 166
RGB Percent	24%, 70%, 65%
CMY	0.7647, 0.2980, 0.3490
CMYK	0.66, 0.00, 0.07, 0.30
HSL	173°, 50%, 47%
HSV	173°, 66%, 70%
XYZ	24.8665, 35.9540, 41.7056
YIQ	141.9370, -66.7510, -29.2710

Conversions

Conversions Part 2

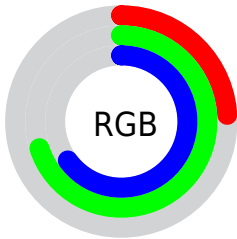
Format	Color
RYB	60, 123, 179
Decimal	3978150
CIELab	66.48, -35.75, -3.03
CIELCh	66, 35.878, 184.848
Yxy	35.9540, 0.2425, 0.3507
Android (android.graphics.Color)	4282168230 (0xFF3CB3A6)
YUV	141.9370, 11.8631, -71.8587
Hunter-Lab	59.9617, -30.9077, 0.7347

Details

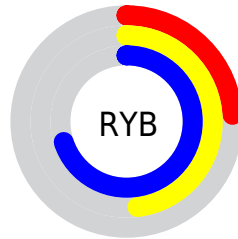
The XYZ color **24.8665, 35.9540, 41.7056** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.4101, 13.2975, 7.7428**, and the grayscale version is **25.6608, 26.9972, 29.3999**.

A 20% lighter version of the original color is **50.7855, 68.7747, 79.0048**, and **10.4981, 16.1366, 18.4810** is the 20% darker color. If you saturate the color by 10%, you get **23.7848, 35.4178, 40.7263**, and if you desaturate by 10%, it is **26.3187, 36.6826, 42.7181**.

Distribution



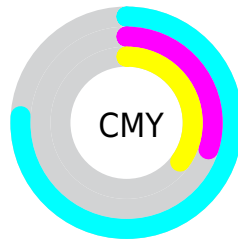
- Red (24%)
- Green (70%)
- Blue (65%)



- Red (24%)
- Yellow (48%)
- Blue (70%)



- Cyan (66%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (76%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8665, 35.9540, 41.7056 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 24.8665, 35.9540, 41.7056 by changing the saturation by 10% instead.

■ 24.8665, 35.9540,
41.7056

■ 24.8665, 35.9540,
41.7056

269.5324,
328.7594, 369.0247

■ 16.1058, 24.3987,
28.5470

■ 50.8850, 68.9611,
79.0191

■ 9.6904, 15.6296,
18.4958

■ 68.8736, 91.1816,
104.0112

■ 5.2548, 9.2624,
11.1334

■ 90.6688, 117.7260,
133.7847

■ 2.4338, 4.9128,
6.0413

■ 116.6360,
148.9786, 168.7584

■ 0.8620, 2.1962,
2.8010

■ 147.1407,
185.3238, 209.3507

■ 0.0000, 0.7179,
0.9940

182.5480,

■ 0.0000, 0.0000,

227.1461, 255.9801

0.0000

223.2235,
274.8299, 309.0653

■ 24.8665, 35.9540,
41.7056

■ 24.8665, 35.9540,
41.7056

■ 23.7848, 35.4178,
40.7263

■ 26.3187, 36.6826,
42.7181

■ 23.0318, 35.0499,
39.7757

■ 28.1716, 37.6166,
43.7629

■ 22.5565, 34.8248,
38.8522

■ 30.4558, 38.7726,
44.8423

■ 22.4174, 34.7600,
38.5316

■ 33.1979, 40.1644,
45.9575

■ 36.4226, 41.8046,
47.1098

■ 40.1526, 43.7050,
48.3002

■ 44.4094, 45.8767,
49.5300

■ 49.2131, 48.3299,
50.8000

■ 54.5826, 51.0746,
52.1112

Harmonies

Analogous

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



25.6380, 35.9540, 27.8570



24.8665, 35.9540, 41.7056



26.3667, 35.9540, 58.6355

Triad

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



24.8665, 35.9540, 41.7056



40.4321, 35.9540, 68.8449



38.7615, 35.9540, 17.9866

Complementary

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



24.8665, 35.9540, 41.7056



21.4101, 13.2975, 7.7428

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.



43.3860, 35.9540, 24.5411



24.8665, 35.9540, 41.7056



44.4192, 35.9540, 53.1391

Square

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



24.8665, 35.9540, 41.7056



35.0550, 35.9540, 76.7138



45.5530, 35.9540, 36.6968



33.3063, 35.9540, 16.4246

Rectangle

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



24.8665, 35.9540, 41.7056



28.5562, 35.9540, 68.7137



45.5530, 35.9540, 36.6968



40.4824, 35.9540, 19.5759

Sweetspot

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



24.8675, 35.9554, 41.7064



62.8953, 73.6804, 83.5649



19.7519, 34.0191, 9.8011



13.5804, 16.1438, 18.3869



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.8675, 35.9554, 41.7064



41.8703, 63.0735, 72.1011



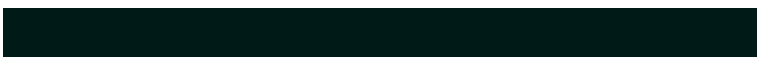
18.4415, 21.0969, 45.7495



8.7019, 9.6152, 10.6896



15.8553, 24.5681, 27.3047



0.5102, 0.7776, 0.9189

Inverse Universe

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



21.4101, 13.2975, 7.7428



35.2920, 19.5519, 7.1758



24.5219, 20.1405, 6.8708



8.5329, 8.5199, 9.0385



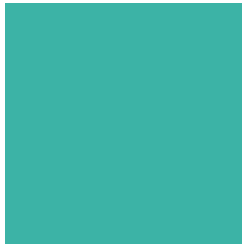
13.2358, 6.8119, 1.1360



0.4286, 0.2192, 0.0997

Previews

White Background



This preview shows how the XYZ color 24.8665, 35.9540, 41.7056 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 24.8665, 35.9540, 41.7056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

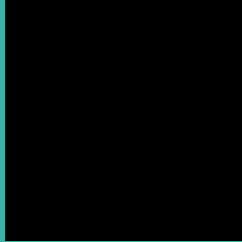
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.8665, 35.9540, 41.7056

Background



This preview shows how black text looks on a background with the XYZ color 24.8665, 35.9540, 41.7056.

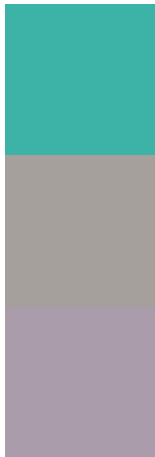


This preview shows how white text looks on a background with the XYZ color 24.8665, 35.9540,

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

24.8665, 35.9540, 41.7056

Protanopia

34.0043, 35.5075, 36.0718

Deuteranopia

36.0337, 35.3751, 43.4570



Tritanopia

27.4181, 36.1080, 54.2396

Trichromacy



Original Color

24.8665, 35.9540, 41.7056



Protanomaly

28.8291, 34.6527, 37.9701



Deuteranomaly

29.7970, 34.2408, 42.5748



Tritanomaly

26.3774, 35.9738, 49.2695

Monochromacy



Original Color

24.8665, 35.9540, 41.7056



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

23.9894, 29.1218, 33.6349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8665, 35.9540, 41.7056 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(60, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(60, 179, 166)  
}
```

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(60, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 179, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.8665, 35.9540, 41.7056 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(60, 179, 166) }
```


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

```
.border{ border-color:rgb(60, 179, 166) }
```

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

Here you see how a box with a 4 pixel rgb(60, 179, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(60, 179,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8665, 35.9540, 41.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 179, 166) }
```

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

```
.background{ background-color: rgb(60, 179,  
166) }
```

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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