

Converting Colors

XYZ(35.3796, 40.0642, 45.2187)

Have a look what the booklet for
XYZ(35.3796, 40.0642, 45.2187)
contains.

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Color

**XYZ(35.4505, 40.1611,
45.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	96AFAD
RGB	150, 175, 173
RGB Percent	59%, 69%, 68%
CMY	0.4118, 0.3137, 0.3216
CMYK	0.14, 0.00, 0.01, 0.31
HSL	175°, 14%, 64%
HSV	175°, 14%, 69%
XYZ	35.4505, 40.1611, 45.4186
YIQ	167.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

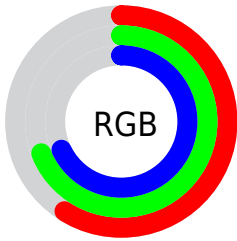
Format	Color
R_{YB}	150, 163, 175
Decimal	9875373
CIE _{Lab}	69.58, -8.98, -1.88
CIE _{LCh}	70, 9.178, 191.801
Yxy	40.1611, 0.2929, 0.3318
Android (android.graphics.Color)	4288065453 (0xFF96AFAD)
YUV	167.2970, 2.8116, -15.1695
Hunter-Lab	63.3728, -11.0501, 1.8684

Details

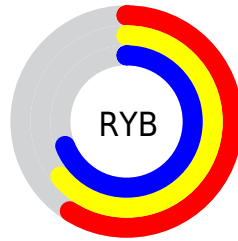
The XYZ color **35.4505, 40.1611, 45.4186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2545, 33.1948, 34.3094**, and the grayscale version is **36.8680, 38.7880, 42.2402**.

A 20% lighter version of the original color is **67.4813, 75.5906, 84.4326**, and **15.6797, 18.1990, 20.7755** is the 20% darker color. If you saturate the color by 10%, you get **32.3330, 38.5706, 44.5692**, and if you desaturate by 10%, it is **39.0527, 42.0034, 46.2998**.

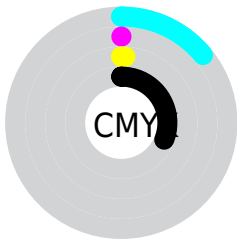
Distribution



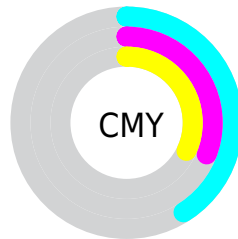
- Red (59%)
- Green (69%)
- Blue (68%)



- Red (59%)
- Yellow (64%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (41%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4505, 40.1611, 45.4186 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 35.4505, 40.1611, 45.4186 by changing the saturation by 10% instead.

■ 35.4505, 40.1611,
45.4186

■ 35.4505, 40.1611,
45.4186

318.0257,
346.8021, 384.6757

■ 24.1782, 27.6642,
31.4419

■ 67.5125, 75.4088,
84.6733

■ 15.5913, 18.0727,
20.6743

■ 89.0330, 98.9283,
110.7884

■ 9.3245, 11.0022,
12.6972

114.7002,
126.8908, 141.7867

■ 5.0122, 6.0683,
7.0921

144.8796,
159.6807, 178.0868

■ 2.2893, 2.8867,
3.4405

179.9365,
197.6824, 220.1073

■ 0.7892, 1.0728,
1.3237

220.2362,

■ 0.0000, 0.0000,

241.2803, 268.2665

0.0811

266.1442,
290.8587, 322.9831

■ 0.0000, 0.0000,
0.0000

■ 35.4505, 40.1611,
45.4186

■ 35.4505, 40.1611,
45.4186

■ 32.3330, 38.5706,
44.5692

■ 39.0527, 42.0034,
46.2998

■ 29.6755, 37.2161,
43.7478

■ 43.1560, 44.1029,
47.2111

■ 27.4563, 36.0873,
42.9544

■ 47.7805, 46.4708,
48.1543

■ 25.6506, 35.1715,
42.1877

■ 52.9440, 49.1164,
49.1301

■ 24.2311, 34.4547,
41.4464

■ 58.6633, 52.0484,
50.1395

■ 23.1673, 33.9210,
40.7290

■ 64.9534, 55.2745,
51.1832

■ 22.4239, 33.5524,
40.0340

■ 65.0985, 55.3325,
51.9468

■ 21.9586, 33.3270,
39.3592

■ 65.2449, 55.3911,
52.7181

■ 21.7626, 33.2342,
38.9802

■ 65.3928, 55.4502,
53.4970

Harmonies

Analogous

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



35.5289, 40.1611, 41.2295



35.4505, 40.1611, 45.4186



36.0872, 40.1611, 49.3957

Triad

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



35.4505, 40.1611, 45.4186



40.1026, 40.1611, 50.0975



39.0687, 40.1611, 36.4264

Complementary

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



35.4505, 40.1611, 45.4186



34.2545, 33.1948, 34.3094

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.



40.3354, 40.1611, 38.5124



35.4505, 40.1611, 45.4186



40.9429, 40.1611, 46.3268

Square

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



35.4505, 40.1611, 45.4186



38.7575, 40.1611, 52.2116



41.0292, 40.1611, 42.0811



37.5922, 40.1611, 36.2181

Rectangle

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



35.4505, 40.1611, 45.4186



36.8414, 40.1611, 51.3209



41.0292, 40.1611, 42.0811



39.5341, 40.1611, 36.9247

Sweetspot

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



35.4517, 40.1628, 45.4195



70.0887, 75.2998, 82.9522



33.8007, 39.5471, 34.7068



15.4643, 16.6781, 18.4105



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.



35.4517, 40.1628, 45.4195



61.7209, 71.0233, 80.8773



33.6969, 36.3407, 45.7978



8.2082, 9.0609, 10.1216



15.5948, 23.8032, 27.9695



0.4418, 0.6654, 0.8201

Inverse Universe

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



34.2545, 33.1948, 34.3094



59.1794, 56.2287, 57.2893



35.8288, 36.6037, 34.0318



8.0303, 8.0254, 8.4705



12.7273, 6.5535, 0.9436



0.3623, 0.1856, 0.0695

Previews

White Background



This preview shows how the XYZ color 35.4505, 40.1611, 45.4186 looks on a white background.

Color Contrast Check

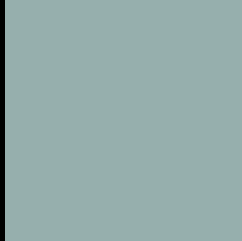
Large Text (above 18pt) WCAG AA × Fail

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 35.4505, 40.1611, 45.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

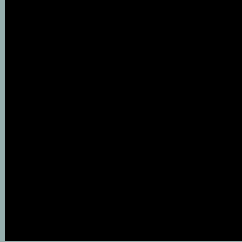
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4505, 40.1611, 45.4186

Background



This preview shows how black text looks on a background with the XYZ color 35.4505, 40.1611, 45.4186.



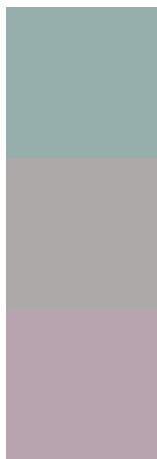
This preview shows how white text looks on a background with the XYZ color 35.4505, 40.1611,

45.4186.

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

35.4505, 40.1611, 45.4186

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

40.7805, 39.8364, 46.0973



Tritanopia

37.0501, 40.2473, 52.8295

Trichromacy



Original Color

35.4505, 40.1611, 45.4186

Protanomaly

37.3357, 40.0274, 43.7885

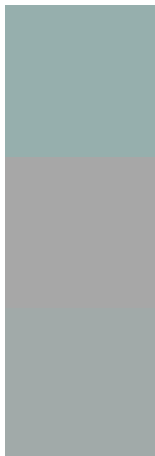
Deuteranomaly

38.6559, 39.8319, 45.6953

Tritanomaly

36.5284, 40.3249, 50.1142

Monochromacy



Original Color

35.4505, 40.1611, 45.4186

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2341, 39.1911, 43.1910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4505, 40.1611, 45.4186 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(150, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(150, 175, 173)  
}
```

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(150, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 175, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.4505, 40.1611, 45.4186 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(150, 175, 173) }
```


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

```
.border{ border-color:rgb(150, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(150, 175,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4505, 40.1611, 45.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 175, 173) }
```

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

```
.background{ background-color: rgb(150,  
175, 173) }
```

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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