

Converting Colors

XYZ(35.1412, 46.3874, 54.1152)

Have a look what the booklet for
XYZ(35.1412, 46.3874, 54.1152)
contains.

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Color

**XYZ(35.1400, 46.3827,
54.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC4BB
RGB	110, 196, 187
RGB Percent	43%, 77%, 73%
CMY	0.5686, 0.2314, 0.2667
CMYK	0.44, 0.00, 0.05, 0.23
HSL	174°, 42%, 60%
HSV	174°, 44%, 77%
XYZ	35.1400, 46.3827, 54.1144
YIQ	169.2600, -48.3670, -21.0310

Conversions

Conversions Part 2

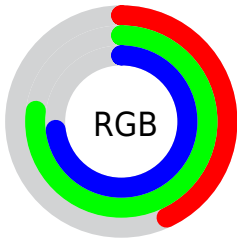
Format	Color
RYB	110, 155, 196
Decimal	7259323
CIELab	73.79, -28.18, -3.61
CIElCh	74, 28.410, 187.292
Yxy	46.3827, 0.2591, 0.3420
Android (android.graphics.Color)	4285449403 (0xFF6EC4BB)
YUV	169.2600, 8.7458, -51.9710
Hunter-Lab	68.1048, -27.0830, 0.5630

Details

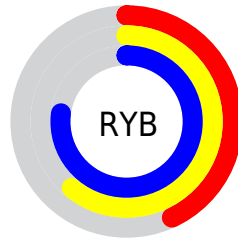
The XYZ color **35.1400, 46.3827, 54.1144** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.6723, 24.2209, 20.4603**, and the grayscale version is **37.8171, 39.7866, 43.3276**.

A 20% lighter version of the original color is **67.0288, 84.8286, 97.6348**, and **15.4443, 21.8241, 25.9527** is the 20% darker color. If you saturate the color by 10%, you get **32.7481, 45.1760, 52.8650**, and if you desaturate by 10%, it is **38.0771, 47.8724, 55.4077**.

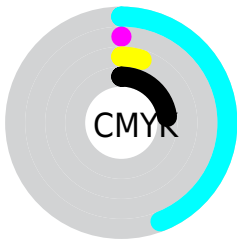
Distribution



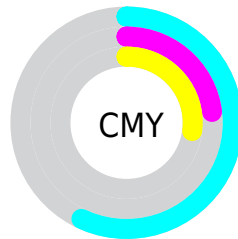
- Red (43%)
- Green (77%)
- Blue (73%)



- Red (43%)
- Yellow (61%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1400, 46.3827, 54.1144 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 35.1400, 46.3827, 54.1144 by changing the saturation by 10% instead.

■ 35.1400, 46.3827,
54.1144

■ 35.1400, 46.3827,
54.1144

316.6831,
372.3451, 419.7330

■ 23.9378, 32.5479,
38.2993

■ 67.0352, 84.7915,
97.7003

■ 15.4119, 21.7804,
25.9115

■ 88.4588, 110.1342,
126.3082

■ 9.1972, 13.6956,
16.5322

■ 114.0203,
140.0818, 160.0175

■ 4.9282, 7.9093,
9.7431

144.0851,
175.0185, 199.2466

■ 2.2395, 4.0369,
5.1256

179.0183,
215.3288, 244.4142

■ 0.7634, 1.6942,
2.2611

219.1855,

■ 0.0000, 0.4199,

261.3971, 295.9388

0.7093

264.9520,
313.6077, 354.2389

■ 0.0000, 0.0000,
0.0000

■ 35.1400, 46.3827,
54.1144

■ 35.1400, 46.3827,
54.1144

■ 32.7481, 45.1760,
52.8650

■ 38.0771, 47.8724,
55.4077

■ 30.8614, 44.2282,
51.6545

■ 41.5879, 49.6564,
56.7434

■ 29.4409, 43.5204,
50.4821


■ 45.7041, 51.7520,
58.1239

■ 28.4400, 43.0285,
49.3455


■ 50.4535, 54.1738,
59.5506


■ 27.8026, 42.7236,
48.2420


■ 55.8625, 56.9352,
61.0248

 27.5265, 42.5957,
47.5796

 61.9556, 60.0489,
62.5477

 68.7565, 63.5272,
64.1206

 71.8097, 65.0730,
65.5349

 72.0565, 65.1717,
66.8348

Harmonies

Analogous

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



35.7227, 46.3827, 40.5122



35.1400, 46.3827, 54.1144



36.8043, 46.3827, 69.2901

Triad

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



35.1400, 46.3827, 54.1144



50.2326, 46.3827, 76.0081



47.9402, 46.3827, 28.9519

Complementary

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



35.1400, 46.3827, 54.1144



31.6723, 24.2209, 20.4603

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.



52.2685, 46.3827, 35.4613



35.1400, 46.3827, 54.1144



53.6609, 46.3827, 62.0143

Square

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



35.1400, 46.3827, 54.1144



45.3290, 46.3827, 83.4054



54.4330, 46.3827, 47.0557



42.8647, 46.3827, 27.6401

Rectangle

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



35.1400, 46.3827, 54.1144



39.0448, 46.3827, 77.6953



54.4330, 46.3827, 47.0557



49.5420, 46.3827, 30.5350

Sweetspot

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



35.1413, 46.3845, 54.1155



83.3346, 94.0244, 105.4618



30.3062, 44.6030, 21.7648



17.4546, 19.9302, 22.4514



0.0000, 0.0000, 0.0000



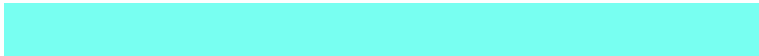
20.3446, 21.4041, 23.3091

Same Dimension

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



35.1413, 46.3845, 54.1155



59.3402, 81.8445, 95.7742



29.4988, 33.5084, 57.1396



10.3216, 11.4097, 12.6970



17.7052, 27.3761, 30.6701



0.7783, 1.1882, 1.3953

Inverse Universe

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



31.6723, 24.2209, 20.4603



52.2413, 36.3780, 26.8213



35.3985, 32.4981, 19.1600



10.1151, 10.0946, 10.6966



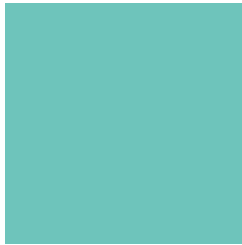
14.7272, 7.5807, 1.2098



0.6510, 0.3334, 0.1297

Previews

White Background



This preview shows how the XYZ color 35.1400, 46.3827, 54.1144 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 35.1400, 46.3827, 54.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

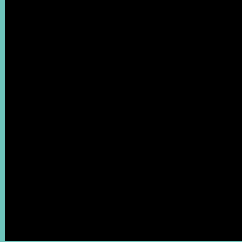
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1400, 46.3827, 54.1144

Background



This preview shows how black text looks on a background with the XYZ color 35.1400, 46.3827, 54.1144.



This preview shows how white text looks on a background with the XYZ color 35.1400, 46.3827,

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

35.1400, 46.3827, 54.1144

Protanopia

44.0242, 46.0072, 48.1549

Deuteranopia

46.7263, 45.7590, 55.6598



Tritanopia

37.6576, 46.4070, 66.6472

Trichromacy



Original Color

35.1400, 46.3827, 54.1144

Protanomaly

39.8040, 45.6221, 50.4241

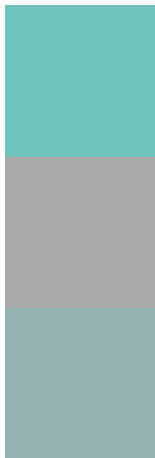
Deuteranomaly

41.3320, 45.3712, 55.2943

Tritanomaly

36.6565, 46.3311, 61.6544

Monochromacy



Original Color

35.1400, 46.3827, 54.1144

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.1693, 41.6707, 47.2112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1400, 46.3827, 54.1144 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(110, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(110, 196, 187)  
}
```

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(110, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 196, 187) }
```

Border

The CSS property to change the border of an element to XYZ 35.1400, 46.3827, 54.1144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

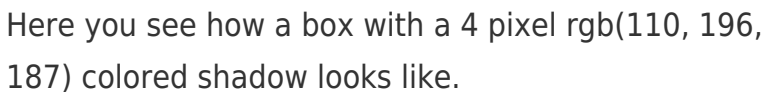
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 196, 187) }
```


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

```
.border{ border-color:rgb(110, 196, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 196, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 196, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 196, 187); box-shadow:4px 4px 4px 4px rgb(110, 196, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1400, 46.3827, 54.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 196, 187) }
```

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

```
.background{ background-color: rgb(110,  
196, 187) }
```

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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