

Converting Colors

XYZ(35.1759, 42.2657, 45.1458)

Have a look what the booklet for
XYZ(35.1759, 42.2657, 45.1458)
contains.

XYZ(35.3644, 42.5083, 45.3707)	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(35.3644, 42.5083,
45.3707)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB7AC
RGB	141, 183, 172
RGB Percent	55%, 72%, 67%
CMY	0.4471, 0.2823, 0.3255
CMYK	0.23, 0.00, 0.06, 0.28
HSL	164°, 23%, 64%
HSV	164°, 23%, 72%
XYZ	35.3644, 42.5083, 45.3707
YIQ	169.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

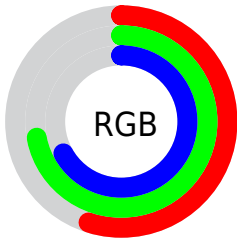
Format	Color
RYB	141, 165, 183
Decimal	9287596
CIELab	71.22, -16.33, 1.00
CIELCh	71, 16.357, 176.509
Yxy	42.5083, 0.2869, 0.3449
Android (android.graphics.Color)	4287477676 (0xFF8DB7AC)
YUV	169.1880, 1.3863, -24.7209
Hunter-Lab	65.1984, -17.2766, 4.3797

Details

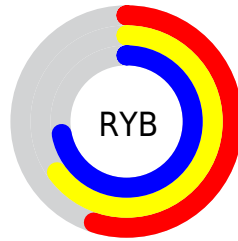
The XYZ color **35.3644, 42.5083, 45.3707** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.7224, 31.3852, 33.9355**, and the grayscale version is **37.8071, 39.7760, 43.3160**.

A 20% lighter version of the original color is **67.2373, 78.8812, 84.3548**, and **15.5892, 19.4950, 20.7106** is the 20% darker color. If you saturate the color by 10%, you get **32.0543, 40.8552, 42.8562**, and if you desaturate by 10%, it is **39.2078, 44.4366, 47.9986**.

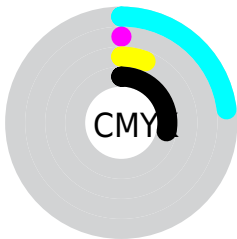
Distribution



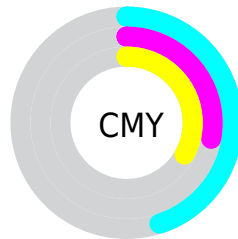
- Red (55%)
- Green (72%)
- Blue (67%)



- Red (55%)
- Yellow (65%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (45%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3644, 42.5083, 45.3707 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 35.3644, 42.5083, 45.3707 by changing the saturation by 10% instead.

■ 35.3644, 42.5083,
45.3707

■ 35.3644, 42.5083,
45.3707

317.6538,
356.5857, 384.4767

■ 24.1115, 29.4995,
31.4044

■ 67.3802, 78.9683,
84.6007

■ 15.5416, 19.4590,
20.6460

■ 88.8739, 103.1884,
110.7016

■ 9.2891, 12.0024,
12.6767

■ 114.5118,
131.9143, 141.6844

■ 4.9889, 6.7453,
7.0782

144.6595,
165.5305, 177.9677

■ 2.2754, 3.3033,
3.4319

179.6821,
204.4213, 219.9701

■ 0.7820, 1.2921,
1.3192

219.9452,

■ 0.0000, 0.1351,

248.9712, 268.1100

0.0774

265.8139,
299.5645, 322.8060

■ 0.0000, 0.0000,
0.0000

■ 35.3644, 42.5083,
45.3707

■ 35.3644, 42.5083,
45.3707

■ 32.0543, 40.8552,
42.8562

■ 39.2078, 44.4366,
47.9986

■ 29.2483, 39.4591,
40.4503

■ 43.6044, 46.6470,
50.7392

■ 26.9202, 38.3073,
38.1516

■ 48.5777, 49.1528,
53.5952

■ 25.0397, 37.3845,
35.9578

■ 54.1487, 51.9647,
56.5685

■ 23.5730, 36.6732,
33.8665

■ 60.3372, 55.0930,
59.6609

■ 22.4814, 36.1534,
31.8747

■ 67.1623, 58.5474,
62.8741

■ 21.7185, 35.8012,
29.9794

■ 69.2613, 59.5634,
65.9580

■ 21.3121, 35.6197,
28.6978

■ 69.8511, 59.7993,
69.0639

■ 70.4588, 60.0424,
72.2641

Harmonies

Analogous

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



36.1625, 42.5083, 38.4405



35.3644, 42.5083, 45.3707



35.8651, 42.5083, 53.3579

Triad

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



35.3644, 42.5083, 45.3707



42.8026, 42.5083, 61.1576



43.3833, 42.5083, 34.7968

Complementary

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



35.3644, 42.5083, 45.3707



34.7224, 31.3852, 33.9355

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.



45.3081, 42.5083, 39.8653



35.3644, 42.5083, 45.3707



44.9623, 42.5083, 55.1285

Square

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



35.3644, 42.5083, 45.3707



40.0826, 42.5083, 63.0552



45.8985, 42.5083, 47.2101



40.7248, 42.5083, 32.7868

Rectangle

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



35.3644, 42.5083, 45.3707



36.8810, 42.5083, 58.1286



45.8985, 42.5083, 47.2101



44.1421, 42.5083, 36.1693

Sweetspot

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



35.3656, 42.5101, 45.3717



74.6891, 81.8287, 88.8001



34.7289, 42.4867, 31.5703



16.3923, 18.0210, 19.5486



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3656, 42.5101, 45.3717



59.9533, 74.4393, 78.7490



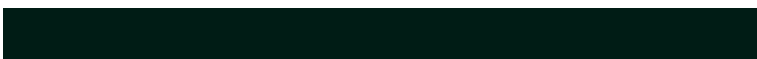
34.5151, 39.0471, 50.5196



9.1635, 10.1694, 11.0184



14.8963, 24.8595, 20.1736



0.5491, 0.8859, 0.8371

Inverse Universe

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



34.7224, 31.3852, 33.9355



58.5830, 50.6980, 54.3554



35.3720, 34.0605, 29.9100



9.0986, 9.0498, 9.8667



14.0192, 7.1814, 2.7220



0.5205, 0.2637, 0.2345

Previews

White Background



This preview shows how the XYZ color 35.3644, 42.5083, 45.3707 looks on a white background.

Color Contrast Check

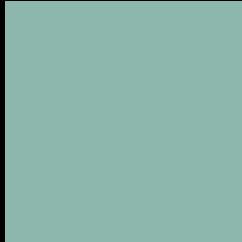
Large Text (above 18pt) WCAG AA × Fail

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 35.3644, 42.5083, 45.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

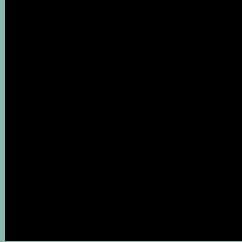
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3644, 42.5083, 45.3707

Background



This preview shows how black text looks on a background with the XYZ color 35.3644, 42.5083, 45.3707.

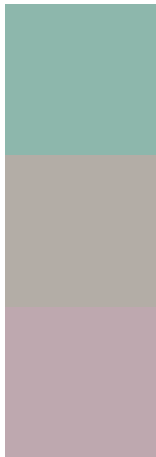


This preview shows how white text looks on a background with the XYZ color 35.3644, 42.5083,

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

35.3644, 42.5083, 45.3707

Protanopia

40.4169, 42.2240, 42.0962

Deuteranopia

42.9757, 42.0476, 46.4084



Tritanopia

37.7359, 42.5573, 57.2644

Trichromacy



Original Color

35.3644, 42.5083, 45.3707

Protanomaly

38.3071, 42.2708, 43.1859

Deuteranomaly

39.5968, 41.7138, 46.0090

Tritanomaly

36.8884, 42.5222, 52.7178

Monochromacy



Original Color

35.3644, 42.5083, 45.3707

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.6898, 40.5453, 43.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3644, 42.5083, 45.3707 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(141, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(141, 183, 172)  
}
```

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(141, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 183, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.3644, 42.5083, 45.3707 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(141, 183, 172) }
```


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

```
.border{ border-color:rgb(141, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(141, 183,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3644, 42.5083, 45.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 183, 172) }
```

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

```
.background{ background-color: rgb(141,  
183, 172) }
```

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