

Converting Colors

XYZ(35.0082, 43.1259, 51.2787)

Have a look what the booklet for
XYZ(35.0082, 43.1259, 51.2787)
contains.

XYZ(35.0082, 43.1259, 51.2787)	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(35.0082, 43.1259,
51.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	80BAB7
RGB	128, 186, 183
RGB Percent	50%, 73%, 72%
CMY	0.4980, 0.2706, 0.2823
CMYK	0.31, 0.00, 0.02, 0.27
HSL	177°, 30%, 62%
HSV	177°, 31%, 73%
XYZ	35.0082, 43.1259, 51.2787
YIQ	168.3160, -33.6050, -13.2290

Conversions

Conversions Part 2

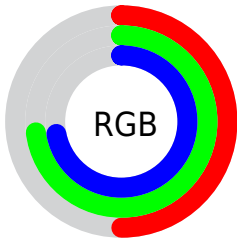
Format	Color
R _Y B	128, 158, 186
Decimal	8436407
CIE Lab	71.64, -19.35, -4.50
CIE LCh	72, 19.866, 193.093
Yxy	43.1259, 0.2705, 0.3332
Android (android.graphics.Color)	4286626487 (0xFF80BAB7)
YUV	168.3160, 7.2392, -35.3571
Hunter-Lab	65.6703, -19.7664, -0.3274

Details

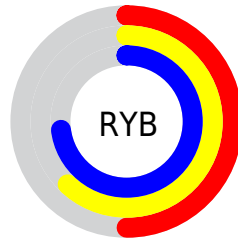
The XYZ color **35.0082, 43.1259, 51.2787** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0671, 27.5173, 25.0956**, and the grayscale version is **37.3530, 39.2983, 42.7958**.

A 20% lighter version of the original color is **66.8606, 79.8035, 93.5411**, and **15.3973, 19.9233, 24.1531** is the 20% darker color. If you saturate the color by 10%, you get **32.3634, 41.7751, 50.6345**, and if you desaturate by 10%, it is **38.1691, 44.7449, 51.9525**.

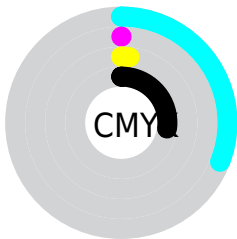
Distribution



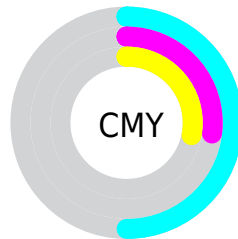
- Red (50%)
- Green (73%)
- Blue (72%)



- Red (50%)
- Yellow (62%)
- Blue (73%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (50%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0082, 43.1259, 51.2787 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 35.0082, 43.1259, 51.2787 by changing the saturation by 10% instead.

■ 35.0082, 43.1259,
51.2787

■ 35.0082, 43.1259,
51.2787

316.1119,
359.1293, 408.5231

■ 23.8357, 29.9839,
36.0522

■ 66.8324, 79.9008,
93.4823

■ 15.3359, 19.8264,
24.1845

■ 88.2149, 104.3025,
121.2965

■ 9.1433, 12.2689,
15.2571

■ 113.7314,
133.2263, 154.1437

■ 4.8926, 6.9271,
8.8514

143.7473,
167.0564, 192.4424

■ 2.2185, 3.4165,
4.5489

178.6279,
206.1774, 236.6111

■ 0.7525, 1.3529,
1.9310

218.7387,

■ 0.0000, 0.1816,

250.9736, 287.0684

0.5124

264.4449,
301.8295, 344.2329

■ 0.0000, 0.0000,
0.0000

■ 35.0082, 43.1259,
51.2787

■ 35.0082, 43.1259,
51.2787

■ 32.3634, 41.7751,
50.6345

■ 38.1691, 44.7449,
51.9525

■ 30.2028, 40.6727,
50.0155

■ 41.8682, 46.6401,
52.6542

■ 28.4969, 39.8047,
49.4214

■ 46.1309, 48.8259,
53.3859

■ 27.2115, 39.1533,
48.8505

■ 50.9800, 51.3138,
54.1486

■ 26.3075, 38.6985,
48.3011

■ 56.4369, 54.1150,
54.9433

■ 25.7384, 38.4163,
47.7708

■ 62.5219, 57.2399,
55.7711

■ 25.4333, 38.2688,
47.3155

■ 68.0656, 60.0857,
56.5771

■ 68.1710, 60.1279,
57.1323

■ 68.2772, 60.1703,
57.6911

Harmonies

Analogous

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



35.1085, 43.1259, 41.7740



35.0082, 43.1259, 51.2787



36.4465, 43.1259, 60.7806

Triad

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



35.0082, 43.1259, 51.2787



45.5687, 43.1259, 61.8214



42.8994, 43.1259, 31.3720

Complementary

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



35.0082, 43.1259, 51.2787



32.0671, 27.5173, 25.0956

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.



45.8960, 43.1259, 35.4060



35.0082, 43.1259, 51.2787



47.4939, 43.1259, 52.5514

Square

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



35.0082, 43.1259, 51.2787



42.4724, 43.1259, 67.4047



47.6168, 43.1259, 42.8848



39.5422, 43.1259, 31.1289

Rectangle

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



35.0082, 43.1259, 51.2787



38.1324, 43.1259, 65.4847



47.6168, 43.1259, 42.8848



43.9866, 43.1259, 32.3016

Sweetspot

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



35.0095, 43.1276, 51.2797



77.3728, 85.2969, 95.7002



30.9513, 41.5729, 26.8159



16.8020, 18.6624, 21.0327



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.0095, 43.1276, 51.2797



60.2668, 76.5385, 92.1861



30.4878, 33.5789, 51.3309



9.2461, 10.2024, 11.4531



17.1187, 25.7484, 31.8769



0.6097, 0.9102, 1.1562

Inverse Universe

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



32.0671, 27.5173, 25.0956



54.1403, 44.0221, 37.6571



35.5605, 34.8252, 25.2706



9.0230, 9.0196, 9.4683



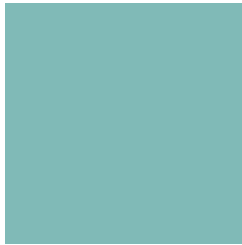
13.6675, 7.0408, 0.8699



0.4882, 0.2508, 0.0644

Previews

White Background



This preview shows how the XYZ color 35.0082, 43.1259, 51.2787 looks on a white background.

Color Contrast Check

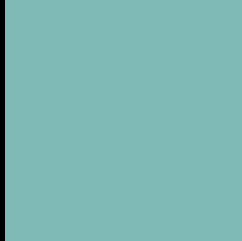
Large Text (above 18pt) WCAG AA × Fail

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 35.0082, 43.1259, 51.2787 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

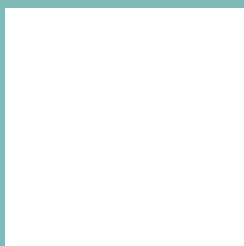
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0082, 43.1259, 51.2787

Background



This preview shows how black text looks on a background with the XYZ color 35.0082, 43.1259, 51.2787.

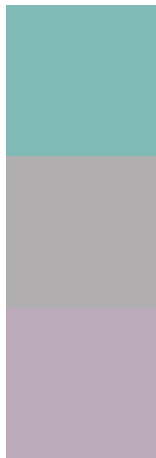


This preview shows how white text looks on a background with the XYZ color 35.0082, 43.1259,

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

35.0082, 43.1259, 51.2787

Protanopia

41.1040, 42.7538, 47.1602

Deuteranopia

43.7312, 42.8594, 52.4222



Tritanopia

36.8493, 43.2637, 59.8347

Trichromacy



Original Color

35.0082, 43.1259, 51.2787

Protanomaly

38.3552, 42.4664, 48.8231

Deuteranomaly

40.0082, 42.6604, 52.0246

Tritanomaly

36.3347, 43.3735, 56.9090

Monochromacy



Original Color

35.0082, 43.1259, 51.2787

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.0097, 40.4494, 45.4448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0082, 43.1259, 51.2787 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(128, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(128, 186, 183)  
}
```

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(128, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 186, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.0082, 43.1259, 51.2787 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(128, 186, 183) }
```


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

```
.border{ border-color:rgb(128, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(128, 186,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0082, 43.1259, 51.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 186, 183) }
```

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

```
.background{ background-color: rgb(128,  
186, 183) }
```

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