

Converting Colors

XYZ(41.1374, 51.3576, 56.7987)

Have a look what the booklet for
XYZ(41.1374, 51.3576, 56.7987)
contains.

XYZ(41.3397, 51.5781, 57.0669)	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(41.3397, 51.5781,
57.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCABF
RGB	140, 202, 191
RGB Percent	55%, 79%, 75%
CMY	0.4510, 0.2078, 0.2510
CMYK	0.31, 0.00, 0.05, 0.21
HSL	169°, 37%, 67%
HSV	169°, 31%, 79%
XYZ	41.3397, 51.5781, 57.0669
YIQ	182.2080, -33.4210, -16.5650

Conversions

Conversions Part 2

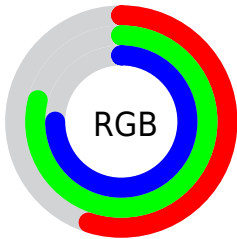
Format	Color
RYB	140, 174, 202
Decimal	9226943
CIELab	77.03, -22.15, -0.86
CIELCh	77, 22.167, 182.221
Yxy	51.5781, 0.2756, 0.3439
Android (android.graphics.Color)	4287417023 (0xFF8CCABF)
YUV	182.2080, 4.3345, -37.0164
Hunter-Lab	71.8179, -22.9334, 3.1604

Details

The XYZ color **41.3397, 51.5781, 57.0669** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3229, 33.5485, 33.6832**, and the grayscale version is **44.5681, 46.8891, 51.0622**.

A 20% lighter version of the original color is **75.0542, 89.8375, 101.3803**, and **19.1078, 25.0410, 27.8711** is the 20% darker color. If you saturate the color by 10%, you get **37.8541, 49.8275, 54.8705**, and if you desaturate by 10%, it is **45.4628, 53.6588, 59.3458**.

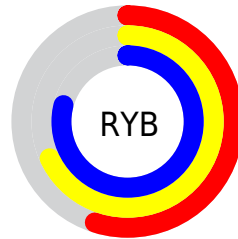
Distribution



Red (55%)

Green (79%)

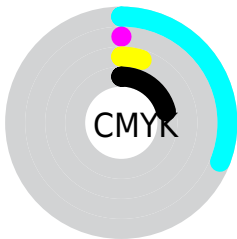
Blue (75%)



Red (55%)

Yellow (68%)

Blue (79%)

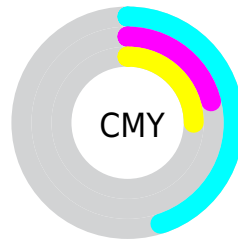


Cyan (31%)

Magenta (0%)

Yellow (5%)

Black (21%)



Cyan (45%)

Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3397, 51.5781, 57.0669 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 41.3397, 51.5781, 57.0669 by changing the saturation by 10% instead.

■ 41.3397, 51.5781,
57.0669

■ 41.3397, 51.5781,
57.0669

342.7768,
392.8057, 431.2007

■ 28.7735, 36.6689,
40.6492

■ 76.4708, 92.5087,
102.0641

■ 19.0529, 24.9512,
27.7275

■ 99.7663, 119.2989,
131.4807

■ 11.8128, 16.0407,
17.8831

■ 127.3689,
150.8183, 166.0674

■ 6.6876, 9.5530,
10.6975

159.6441,
187.4511, 206.2427

■ 3.3121, 5.1036,
5.7522

196.9571,
229.5819, 252.4251

■ 1.3209, 2.3082,
2.6287

239.6733,

■ 0.1988, 0.7780,

277.5950, 305.0332

0.9072

288.1581,
331.8748, 364.4856

■ 0.0000, 0.0000,
0.0000

■ 41.3397, 51.5781,
57.0669

■ 41.3397, 51.5781,
57.0669

■ 37.8541, 49.8275,
54.8705

■ 45.4628, 53.6588,
59.3458

■ 34.9671, 48.3832,
52.7511

■ 50.2506, 56.0797,
61.7054

■ 32.6428, 47.2278,
50.7077


■ 55.7341, 58.8582,
64.1487


■ 30.8392, 46.3397,
48.7380


■ 61.9411, 62.0085,
66.6772


■ 29.5085, 45.6944,
46.8394


■ 68.8978, 65.5441,
69.2927


 28.5940, 45.2625,
45.0089

 74.3095, 68.2821,
71.8880

 28.0188, 45.0018,
43.3615

 74.7683, 68.4656,
74.3040

 75.2372, 68.6532,
76.7732

 75.7163, 68.8448,
79.2961

Harmonies

Analogous

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



42.1762, 51.5781, 45.9916



41.3397, 51.5781, 57.0669



42.4618, 51.5781, 69.5121

Triad

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



41.3397, 51.5781, 57.0669



53.4874, 51.5781, 78.2517



52.9112, 51.5781, 37.9750

Complementary

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



41.3397, 51.5781, 57.0669



39.3229, 33.5485, 33.6832

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.



56.2284, 51.5781, 44.6371



41.3397, 51.5781, 57.0669



56.5743, 51.5781, 67.7261

Square

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



41.3397, 51.5781, 57.0669



49.3392, 51.5781, 82.7882



57.6048, 51.5781, 55.2623



48.7091, 51.5781, 35.9578

Rectangle

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



41.3397, 51.5781, 57.0669



44.2094, 51.5781, 76.6470



57.6048, 51.5781, 55.2623



54.1749, 51.5781, 39.6932

Sweetspot

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



41.3412, 51.5802, 57.0681



86.4561, 95.6446, 105.1113



38.6864, 50.7511, 32.5688



18.2278, 20.3315, 22.3694



0.0000, 0.0000, 0.0000



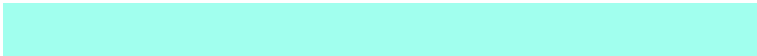
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3412, 51.5802, 57.0681



65.8579, 85.2489, 94.0707



38.2806, 43.4478, 62.2482



11.4545, 12.6915, 13.9508



18.0587, 28.9688, 28.0580



0.9546, 1.5037, 1.5684

Inverse Universe

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



39.3229, 33.5485, 33.6832



61.8988, 49.8176, 48.1539



41.5998, 39.4663, 30.2370



11.2923, 11.2456, 12.0736



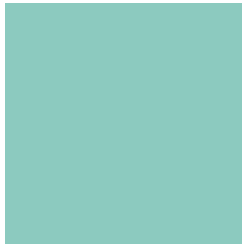
15.9004, 8.1708, 1.9284



0.8458, 0.4317, 0.2337

Previews

White Background



This preview shows how the XYZ color 41.3397, 51.5781, 57.0669 looks on a white background.

Color Contrast Check

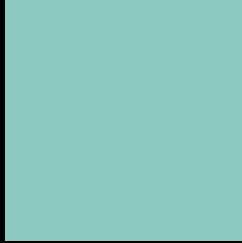
Large Text (above 18pt) WCAG AA × Fail

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 41.3397, 51.5781, 57.0669 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

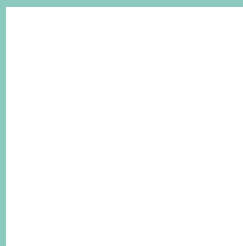
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3397, 51.5781, 57.0669

Background



This preview shows how black text looks on a background with the XYZ color 41.3397, 51.5781, 57.0669.

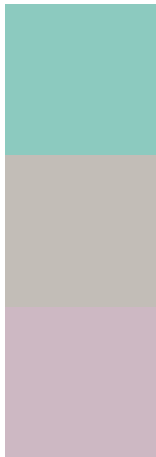


This preview shows how white text looks on a background with the XYZ color 41.3397, 51.5781,

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

41.3397, 51.5781, 57.0669

Protanopia

48.9930, 51.2834, 52.1162

Deuteranopia

52.1677, 51.2002, 58.7629



Tritanopia

44.2381, 51.7216, 71.2700

Trichromacy



Original Color

41.3397, 51.5781, 57.0669

Protanomaly

45.6103, 51.1274, 53.9190

Deuteranomaly

47.4245, 50.9804, 58.3796

Tritanomaly

43.1225, 51.6044, 66.0804

Monochromacy



Original Color

41.3397, 51.5781, 57.0669

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.8909, 48.1135, 52.9252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3397, 51.5781, 57.0669 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(140, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 202, 191)  
}
```

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(140, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 202, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.3397, 51.5781, 57.0669 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(140, 202, 191) }
```


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

```
.border{ border-color:rgb(140, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 202,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3397, 51.5781, 57.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 202, 191) }
```

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

```
.background{ background-color: rgb(140,  
202, 191) }
```

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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