

Converting Colors

XYZ(41.3875, 57.6396, 50.2351)

Have a look what the booklet for
XYZ(41.3875, 57.6396, 50.2351)
contains.

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Color

**XYZ(41.3653, 57.6374,
50.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	7DDAB0
RGB	125, 218, 176
RGB Percent	49%, 85%, 69%
CMY	0.5098, 0.1451, 0.3098
CMYK	0.43, 0.00, 0.19, 0.15
HSL	153°, 56%, 67%
HSV	153°, 43%, 85%
XYZ	41.3653, 57.6374, 50.0192
YIQ	185.4050, -41.9460, -32.7780

Conversions

Conversions Part 2

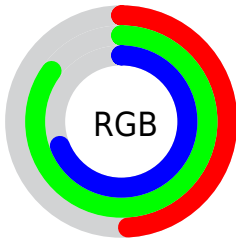
Format	Color
RYB	125, 185, 218
Decimal	8247984
CIELab	80.54, -37.20, 12.12
CIELCh	81, 39.123, 161.949
Yxy	57.6374, 0.2776, 0.3868
Android (android.graphics.Color)	4286438064 (0xFF7DDAB0)
YUV	185.4050, -4.6367, -52.9752
Hunter-Lab	75.9193, -35.6015, 14.0805

Details

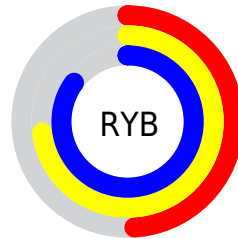
The XYZ color **41.3653, 57.6374, 50.0192** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.2240, 32.3640, 40.5301**, and the grayscale version is **46.3827, 48.7982, 53.1412**.

A 20% lighter version of the original color is **69.3815, 87.1700, 89.5126**, and **18.9497, 28.5359, 23.2481** is the 20% darker color. If you saturate the color by 10%, you get **37.5864, 55.7994, 44.9408**, and if you desaturate by 10%, it is **45.9164, 59.8684, 55.5051**.

Distribution



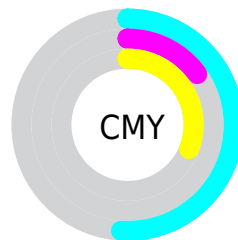
- Red (49%)
- Green (85%)
- Blue (69%)



- Red (49%)
- Yellow (73%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)





- Cyan (51%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3653, 57.6374, 50.0192 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 41.3653, 57.6374, 50.0192 by changing the saturation by 10% instead.


 41.3653, 57.6374,
50.0192


 41.3653, 57.6374,
50.0192


342.8816,
415.8334, 403.4782


 28.7936, 41.5172,
35.0574


 76.5093, 101.3946,
91.5999

 19.0682, 28.7234,
23.4232


 99.8123, 129.8005,
119.0559

 11.8239, 18.8717,
14.6980

 127.4231,
163.0703, 151.5136

 6.6952, 11.5776,
8.4635

159.7071,
201.5886, 189.3917

 3.3169, 6.4568,
4.3009

197.0296,
245.7396, 233.1087

 1.3235, 3.1248,
1.7918

239.7559,

 0.2007, 1.1972,

295.9078, 283.0831

0.4226

288.2515,
352.4777, 339.7334

■ 0.0000, 0.0594,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3653, 57.6374,
50.0192

■ 41.3653, 57.6374,
50.0192

■ 37.5864, 55.7994,
44.9408

■ 45.9164, 59.8684,
55.5051

■ 34.5274, 54.3229,
40.2560


■ 51.2785, 62.5077,
61.4041


■ 32.1365, 53.1830,
35.9556


■ 57.4932, 65.5780,
67.7268


■ 30.3525, 52.3485,
32.0284


■ 64.5978, 69.0984,
74.4820


 29.1022, 51.7815,
28.4623


 72.6276, 73.0869,
81.6782

 28.4352, 51.4901,
26.0654

 81.3188, 77.4075,
89.3099

 82.7819, 77.9927,
97.0145

 84.3250, 78.6100,
105.1403

 84.3625, 78.6250,
105.3375

Harmonies

Analogous

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



45.0890, 57.6374, 35.2627



41.3653, 57.6374, 50.0192



41.0133, 57.6374, 72.3726

Triad

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



41.3653, 57.6374, 50.0192



58.0445, 57.6374, 116.7711



67.0973, 57.6374, 37.5799

Complementary

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



41.3653, 57.6374, 50.0192



43.2240, 32.3640, 40.5301

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.



71.3330, 57.6374, 54.0338



41.3653, 57.6374, 50.0192



65.7746, 57.6374, 101.7596

Square

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



41.3653, 57.6374, 50.0192



50.1327, 57.6374, 114.9362



70.8266, 57.6374, 77.4930



59.7115, 57.6374, 29.3846

Rectangle

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



41.3653, 57.6374, 50.0192



42.6894, 57.6374, 89.2080



70.8266, 57.6374, 77.4930



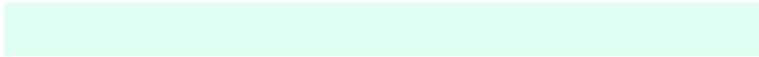
68.9678, 57.6374, 42.1319

Sweetspot

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



41.3669, 57.6397, 50.0205



81.5707, 93.3189, 96.1734



45.0087, 59.9948, 28.6107



17.0166, 19.7551, 20.1453



0.0000, 0.0000, 0.0000



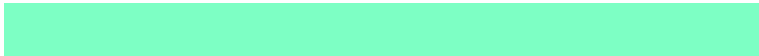
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3669, 57.6397, 50.0205



54.2042, 79.8738, 64.9436



45.3892, 57.9743, 75.1304



13.1838, 14.7251, 15.4307



17.0899, 30.8686, 15.9049



1.1504, 2.0171, 1.2581

Inverse Universe

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



43.2240, 32.3640, 40.5301



57.1860, 39.3620, 49.7577



40.3490, 31.8518, 23.4241



13.2993, 13.1488, 14.8373



18.7086, 9.4845, 8.1112



1.2551, 0.6317, 0.7522

Previews

White Background



This preview shows how the XYZ color 41.3653, 57.6374, 50.0192 looks on a white background.

Color Contrast Check

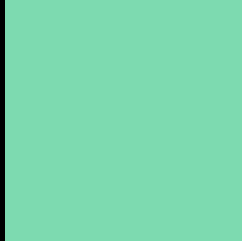
Large Text (above 18pt) WCAG AA × Fail

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 41.3653, 57.6374, 50.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

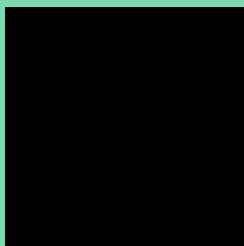
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

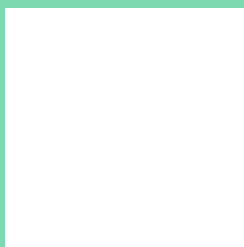
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3653, 57.6374, 50.0192

Background



This preview shows how black text looks on a background with the XYZ color 41.3653, 57.6374, 50.0192.



This preview shows how white text looks on a background with the XYZ color 41.3653, 57.6374,

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

41.3653, 57.6374, 50.0192

Protanopia

53.6554, 56.8430, 44.2202

Deuteranopia

58.0336, 56.9240, 52.1847



Tritanopia

47.7791, 57.5932, 81.9972

Trichromacy



Original Color

41.3653, 57.6374, 50.0192



Protanomaly

47.6774, 56.1486, 46.3551



Deuteranomaly

49.8639, 55.7599, 51.3147



Tritanomaly

45.2281, 57.6831, 69.0718

Monochromacy



Original Color

41.3653, 57.6374, 50.0192



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.5140, 51.0964, 51.8251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3653, 57.6374, 50.0192 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(125, 218, 176)` looks like.

```
.text, #text, p{  
    color:rgb(125, 218, 176)  
}
```

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(125, 218, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 218, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.3653, 57.6374, 50.0192 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(125, 218, 176) }
```


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

```
.border{ border-color:rgb(125, 218, 176) }
```

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

Here you see how a box with a 4 pixel rgb(125, 218, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 218, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 218, 176);  
box-shadow:4px 4px 4px 4px rgb(125, 218,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3653, 57.6374, 50.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 218, 176) }
```

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

```
.background{ background-color: rgb(125,  
218, 176) }
```

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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