

Converting Colors

XYZ(41.9605, 57.9095, 51.6139)

Have a look what the booklet for
XYZ(41.9605, 57.9095, 51.6139)
contains.

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Color

**XYZ(41.9605, 57.9095,
51.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	7FDAB3
RGB	127, 218, 179
RGB Percent	50%, 85%, 70%
CMY	0.5020, 0.1451, 0.2980
CMYK	0.42, 0.00, 0.18, 0.15
HSL	154°, 55%, 68%
HSV	154°, 42%, 85%
XYZ	41.9605, 57.9095, 51.6139
YIQ	186.3450, -41.7170, -31.4210

Conversions

Conversions Part 2

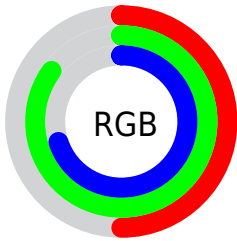
Format	Color
RYB	127, 185, 218
Decimal	8379059
CIELab	80.69, -36.04, 10.76
CIELCh	81, 37.614, 163.376
Yxy	57.9095, 0.2770, 0.3823
Android (android.graphics.Color)	4286569139 (0xFF7FDAB3)
YUV	186.3450, -3.6211, -52.0456
Hunter-Lab	76.0983, -34.7473, 13.0552

Details

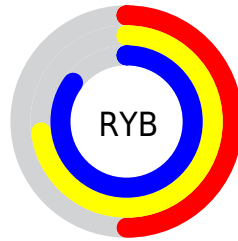
The XYZ color **41.9605, 57.9095, 51.6139** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.3877, 32.8388, 40.1305**, and the grayscale version is **46.9033, 49.3460, 53.7377**.

A 20% lighter version of the original color is **70.2838, 87.5854, 91.7986**, and **19.4616, 29.0403, 24.3183** is the 20% darker color. If you saturate the color by 10%, you get **38.1453, 56.0498, 46.6692**, and if you desaturate by 10%, it is **46.5453, 60.1617, 56.9314**.

Distribution



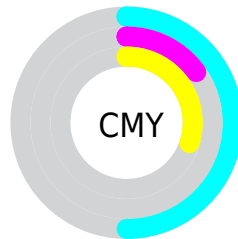
- Red (50%)
- Green (85%)
- Blue (70%)



- Red (50%)
- Yellow (73%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)




- Cyan (50%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9605, 57.9095, 51.6139 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 41.9605, 57.9095, 51.6139 by changing the saturation by 10% instead.


 41.9605, 57.9095,
51.6139


 41.9605, 57.9095,
51.6139


345.3136,
416.8486, 409.8587

 29.2613, 41.7359,
36.3173


 77.4054, 101.7911,
93.9823

 19.4239, 28.8945,
24.3877


 100.8818,
130.2678, 121.8913

 12.0828, 19.0011,
15.4066

 128.6814,
163.6144, 154.8414

 6.8727, 11.6710,
8.9555

161.1694,
202.2152, 193.2512

 3.4282, 6.5201,
4.6157

198.7113,
246.4546, 237.5393

 1.3841, 3.1638,
1.9689

241.6724,

 0.2448, 1.2179,

296.7171, 288.1243

0.5360

290.4180,
353.3870, 345.4245

■ 0.0000, 0.0762,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.9605, 57.9095,
51.6139

■ 41.9605, 57.9095,
51.6139

■ 38.1453, 56.0498,
46.6692

■ 46.5453, 60.1617,
56.9314

■ 35.0480, 54.5513,
42.0845


■ 51.9379, 62.8212,
62.6262


■ 32.6177, 53.3896,
37.8521


■ 58.1795, 65.9107,
68.7077


■ 30.7944, 52.5339,
33.9620


■ 65.3069, 69.4491,
75.1835


 29.5063, 51.9472,
30.4037


 73.3550, 73.4541,
82.0613

 28.7467, 51.6146,
27.7057

 81.3168, 77.4066,
89.2996

 82.7033, 77.9612,
96.6004

 84.1617, 78.5446,
104.2803

 84.3624, 78.6249,
105.3375

Harmonies

Analogous

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



45.4275, 57.9095, 36.8399



41.9605, 57.9095, 51.6139



41.7783, 57.9095, 73.4515

Triad

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



41.9605, 57.9095, 51.6139



58.5613, 57.9095, 114.3590



66.6000, 57.9095, 38.0488

Complementary

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



41.9605, 57.9095, 51.6139



43.3877, 32.8388, 40.1305

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.



70.8504, 57.9095, 53.6865



41.9605, 57.9095, 51.6139



65.9238, 57.9095, 99.4434

Square

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



41.9605, 57.9095, 51.6139



50.8867, 57.9095, 113.4301



70.5919, 57.9095, 76.0698



59.4160, 57.9095, 30.3613

Rectangle

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



41.9605, 57.9095, 51.6139



43.5104, 57.9095, 89.5686



70.5919, 57.9095, 76.0698



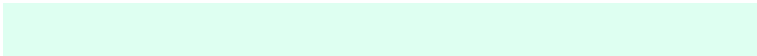
68.4481, 57.9095, 42.3676

Sweetspot

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



41.9621, 57.9119, 51.6152



81.6844, 93.3644, 96.7724



44.7209, 59.8315, 29.2712



17.0447, 19.7663, 20.2932



0.0000, 0.0000, 0.0000



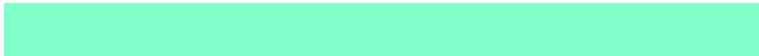
20.3446, 21.4041, 23.3091

Same Dimension

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



41.9621, 57.9119, 51.6152



55.0539, 80.2573, 67.4508



44.9360, 56.6300, 74.8947



13.1967, 14.7303, 15.4990



17.2765, 30.9432, 16.8872



1.1621, 2.0218, 1.3197

Inverse Universe

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



43.3877, 32.8388, 40.1305



57.3526, 39.9516, 49.0233



41.1426, 33.2325, 24.3256



13.2865, 13.1437, 14.7701



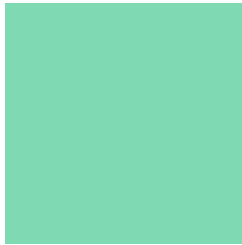
18.5689, 9.4286, 7.3760



1.2456, 0.6279, 0.7022

Previews

White Background



This preview shows how the XYZ color 41.9605, 57.9095, 51.6139 looks on a white background.

Color Contrast Check

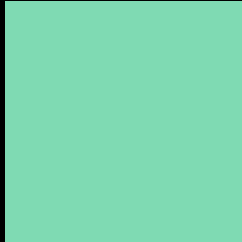
Large Text (above 18pt) WCAG AA × Fail

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 41.9605, 57.9095, 51.6139 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 41.9605, 57.9095, 51.6139

Background



This preview shows how black text looks on a background with the XYZ color 41.9605, 57.9095, 51.6139.

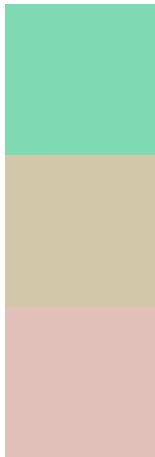


This preview shows how white text looks on a background with the XYZ color 41.9605, 57.9095,

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

41.9605, 57.9095, 51.6139

Protanopia

54.1632, 57.4131, 45.7632

Deuteranopia

58.2418, 57.0073, 53.2812



Tritanopia

47.9453, 57.6789, 82.0049

Trichromacy



Original Color

41.9605, 57.9095, 51.6139



Protanomaly

48.4365, 56.8630, 47.9580



Deuteranomaly

50.3164, 55.9695, 52.4072



Tritanomaly

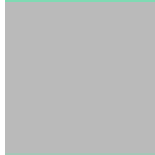
45.6711, 57.8972, 69.7409

Monochromacy



Original Color

41.9605, 57.9095, 51.6139



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.2584, 51.8064, 52.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9605, 57.9095, 51.6139 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(127, 218, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 218, 179)  
}
```

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(127, 218, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 218, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.9605, 57.9095, 51.6139 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(127, 218, 179) }
```


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

```
.border{ border-color:rgb(127, 218, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 218, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 218, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 218, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 218,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9605, 57.9095, 51.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 218, 179) }
```

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

```
.background{ background-color: rgb(127,  
218, 179) }
```

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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