

Converting Colors

XYZ(43.1094, 63.5696, 41.6989)

Have a look what the booklet for
XYZ(43.1094, 63.5696, 41.6989)
contains.

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Color

**XYZ(43.1350, 63.5400,
41.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE69D
RGB	127, 230, 157
RGB Percent	50%, 90%, 62%
CMY	0.5020, 0.0980, 0.3843
CMYK	0.45, 0.00, 0.32, 0.10
HSL	137°, 67%, 70%
HSV	137°, 45%, 90%
XYZ	43.1350, 63.5400, 41.8893
YIQ	190.8810, -37.9550, -44.5390

Conversions

Conversions Part 2

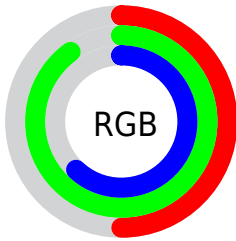
Format	Color
RYB	127, 207, 230
Decimal	8382109
CIELab	83.73, -45.61, 26.48
CIELCh	84, 52.743, 149.863
Yxy	63.5400, 0.2903, 0.4277
Android (android.graphics.Color)	4286572189 (0xFF7FE69D)
YUV	190.8810, -16.7033, -56.0236
Hunter-Lab	79.7120, -42.9032, 24.6410

Details

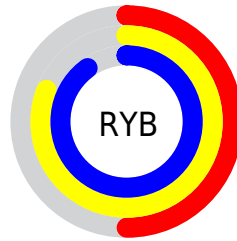
The XYZ color **43.1350, 63.5400, 41.8893** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **50.6498, 36.1731, 58.9583**, and the grayscale version is **49.5631, 52.1443, 56.7851**.

A 20% lighter version of the original color is **67.4108, 86.4638, 75.4236**, and **20.2116, 32.5941, 18.5906** is the 20% darker color. If you saturate the color by 10%, you get **38.7926, 61.4534, 34.8999**, and if you desaturate by 10%, it is **48.4483, 66.1092, 49.8962**.

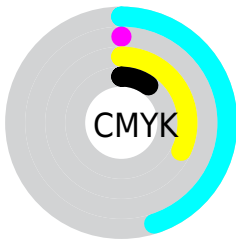
Distribution



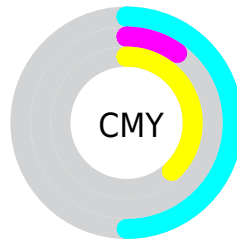
- Red (50%)
- Green (90%)
- Blue (62%)



- Red (50%)
- Yellow (81%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)





- Cyan (50%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1350, 63.5400, 41.8893 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 43.1350, 63.5400, 41.8893 by changing the saturation by 10% instead.


 43.1350, 63.5400,
41.8893


 43.1350, 63.5400,
41.8893


350.0788,
437.5266, 369.8100


 30.1860, 46.2782,
28.6897


 79.1690, 109.9482,
79.3003

 20.1286, 32.4654,
18.6027


 102.9847,
139.8634, 104.3489

 12.5974, 21.7172,
11.2096

 131.1534,
174.7652, 134.1841

 7.2270, 13.6493,
6.0921


164.0404,
215.0379, 169.2246

 3.6520, 7.8771,
2.8315

202.0111,
261.0660, 209.8889

 1.5072, 4.0164,
1.0092

245.4308,

 0.3307, 1.6828,

313.2339, 256.5955

0.0000

294.6649,
371.9260, 309.7630

■ 0.0000, 0.4125,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1350, 63.5400,
41.8893

■ 43.1350, 63.5400,
41.8893

■ 38.7926, 61.4534,
34.8999

■ 48.4483, 66.1092,
49.8962

■ 35.3549, 59.8108,
28.8828


■ 54.7833, 69.1810,
58.9550


■ 32.7550, 58.5804,
23.7956


■ 62.1929, 72.7839,
69.1035

■ 30.9141, 57.7226,
19.5910


■ 70.7251, 76.9417,
80.3767

 29.7367, 57.1891,
16.2173

 80.4247, 81.6770,
92.8077

 29.3109, 57.0012,
14.7664

 87.5575, 85.0639,
106.2516

 87.5880, 85.0761,
106.4127

Harmonies

Analogous

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



49.9860, 63.5400, 27.3564



43.1350, 63.5400, 41.8893



40.7783, 63.5400, 69.0324

Triad

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



43.1350, 63.5400, 41.8893



60.3398, 63.5400, 154.3784



81.7960, 63.5400, 42.0779

Complementary

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



43.1350, 63.5400, 41.8893



50.6498, 36.1731, 58.9583

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.



85.4629, 63.5400, 69.3363



43.1350, 63.5400, 41.8893



72.1524, 63.5400, 140.3880

Square

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



43.1350, 63.5400, 41.8893



49.9050, 63.5400, 140.1446



81.7311, 63.5400, 106.3251



72.2559, 63.5400, 27.4383

Rectangle

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



43.1350, 63.5400, 41.8893



41.8047, 63.5400, 93.1500



81.7311, 63.5400, 106.3251



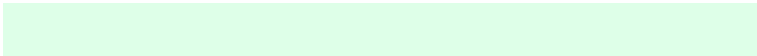
83.8067, 63.5400, 49.7280

Sweetspot

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



43.1367, 63.5426, 41.8907



80.3336, 92.8240, 89.6589



56.1680, 70.5210, 30.7307



16.7125, 19.6334, 18.5439



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.



43.1367, 63.5426, 41.8907



49.2571, 77.7710, 44.4959



48.3973, 65.6469, 69.5932



14.3611, 16.1579, 16.1664



16.6397, 32.2880, 8.6029



1.2690, 2.4017, 0.8432

Inverse Universe

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



50.6498, 36.1731, 58.9583



59.8883, 38.9534, 68.5803



45.6744, 34.1830, 32.7580



14.8068, 14.5399, 17.1830



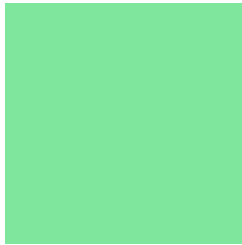
22.2739, 11.0438, 20.8692



1.6859, 0.8321, 1.7525

Previews

White Background



This preview shows how the XYZ color 43.1350, 63.5400, 41.8893 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 43.1350, 63.5400, 41.8893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

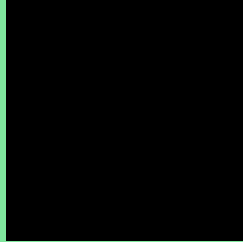
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1350, 63.5400, 41.8893

Background



This preview shows how black text looks on a background with the XYZ color 43.1350, 63.5400, 41.8893.



This preview shows how white text looks on a background with the XYZ color 43.1350, 63.5400,

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

43.1350, 63.5400, 41.8893

Protanopia

58.3198, 62.5795, 36.6090

Deuteranopia

63.7422, 62.4044, 43.8076



Tritanopia

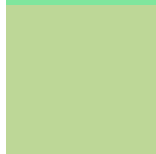
52.8799, 63.4704, 90.3529

Trichromacy



Original Color

43.1350, 63.5400, 41.8893



Protanomaly

50.8726, 61.6541, 38.4973



Deuteranomaly

53.2990, 60.9458, 42.6728



Tritanomaly

48.8117, 63.4037, 69.9871

Monochromacy



Original Color

43.1350, 63.5400, 41.8893



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.1165, 55.2421, 50.8800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1350, 63.5400, 41.8893 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, 230, 157)` looks like.

```
.text, #text, p{  
    color:rgb(127, 230, 157)  
}
```

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, 230, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 230, 157) }
```

Border

The CSS property to change the border of an element to XYZ 43.1350, 63.5400, 41.8893 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, 230, 157) }
```


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

```
.border{ border-color:rgb(127, 230, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 230, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 230, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 230, 157);  
box-shadow:4px 4px 4px 4px rgb(127, 230,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1350, 63.5400, 41.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 230, 157) }
```

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

```
.background{ background-color: rgb(127,  
230, 157) }
```

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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