

Converting Colors

XYZ(43.0184, 55.6853, 58.2134)

Have a look what the booklet for
XYZ(43.0184, 55.6853, 58.2134)
contains.

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Color

**XYZ(42.9620, 55.6285,
58.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	88D3C0
RGB	136, 211, 192
RGB Percent	53%, 83%, 75%
CMY	0.4667, 0.1725, 0.2471
CMYK	0.36, 0.00, 0.09, 0.17
HSL	165°, 46%, 68%
HSV	165°, 36%, 83%
XYZ	42.9620, 55.6285, 58.3422
YIQ	186.4090, -38.6010, -21.8090

Conversions

Conversions Part 2

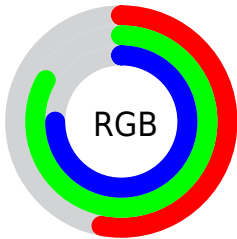
Format	Color
RYB	136, 179, 211
Decimal	8967104
CIELab	79.40, -27.49, 2.04
CIELCh	79, 27.567, 175.752
Yxy	55.6285, 0.2738, 0.3545
Android (android.graphics.Color)	4287157184 (0xFF88D3C0)
YUV	186.4090, 2.7564, -44.2087
Hunter-Lab	74.5845, -27.7037, 5.8308

Details

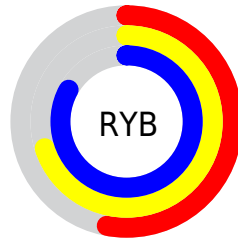
The XYZ color **42.9620, 55.6285, 58.3422** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.5864, 33.8252, 35.3495**, and the grayscale version is **46.9033, 49.3459, 53.7377**.

A 20% lighter version of the original color is **74.4415, 89.5038, 102.1594**, and **20.0283, 27.4349, 28.6659** is the 20% darker color. If you saturate the color by 10%, you get **39.2854, 53.8018, 55.1348**, and if you desaturate by 10%, it is **47.3379, 57.8161, 61.6970**.

Distribution



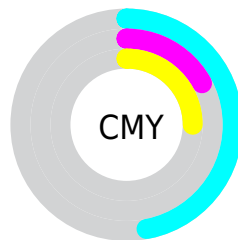
- Red (53%)
- Green (83%)
- Blue (75%)



- Red (53%)
- Yellow (70%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)





- Cyan (47%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9620, 55.6285, 58.3422 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 42.9620, 55.6285, 58.3422 by changing the saturation by 10% instead.


 42.9620, 55.6285,
58.3422


 42.9620, 55.6285,
58.3422


349.3796,
408.2900, 436.0937


 30.0497, 39.9051,
41.6673

 78.9096, 98.4612,
103.9407

 20.0246, 27.4646,
28.5172


 102.6756,
126.3393, 133.7014

 12.5213, 17.9225,
18.4735


 130.7902,
159.0378, 168.6611

 7.1744, 10.8943,
11.1175

163.6187,
196.9411, 209.2383

 3.6187, 5.9958,
6.0308

201.5266,
240.4336, 255.8517

 1.4888, 2.8425,
2.7947

244.8791,

 0.3182, 1.0501,

289.8996, 308.9197

0.9908

294.0417,
345.7236, 368.8608

■ 0.0000, 0.0000,
0.0000

■ 42.9620, 55.6285,
58.3422

■ 42.9620, 55.6285,
58.3422

■ 39.2854, 53.8018,
55.1348

■ 47.3379, 57.8161,
61.6970

■ 36.2633, 52.3086,
52.0681

■ 52.4450, 60.3767,
65.1983

■ 33.8532, 51.1284,
49.1400

■ 58.3191, 63.3302,
68.8502

■ 32.0052, 50.2357,
46.3469

■ 64.9921, 66.6929,
72.6552

■ 30.6617, 49.6006,
43.6849

■ 72.4941, 70.4805,
76.6159

■ 29.7516, 49.1866,
41.1495

■ 78.0003, 73.2365,
80.6011

■ 29.4276, 49.0434,
40.0577

■ 78.7373, 73.5313,
84.4822

■ 79.4973, 73.8353,
88.4844

■ 80.2806, 74.1486,
92.6089

Harmonies

Analogous

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



44.5615, 55.6285, 44.9971



42.9620, 55.6285, 58.3422



43.8624, 55.6285, 74.7884

Triad

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



42.9620, 55.6285, 58.3422



57.6292, 55.6285, 92.3479



59.0861, 55.6285, 38.7229

Complementary

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



42.9620, 55.6285, 58.3422



41.5864, 33.8252, 35.3495

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.



63.0406, 55.6285, 48.2785



42.9620, 55.6285, 58.3422



62.1591, 55.6285, 79.3758

Square

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



42.9620, 55.6285, 58.3422



52.0895, 55.6285, 96.2988



64.2023, 55.6285, 62.8538



53.6648, 55.6285, 34.9930

Rectangle

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



42.9620, 55.6285, 58.3422



45.7952, 55.6285, 85.1087



64.2023, 55.6285, 62.8538



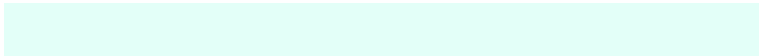
60.6454, 55.6285, 41.2692

Sweetspot

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



42.9636, 55.6307, 58.3435



84.3495, 94.6135, 102.5367



41.4502, 55.4363, 31.8091



17.7942, 20.1205, 21.7835



0.0000, 0.0000, 0.0000



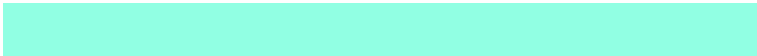
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9636, 55.6307, 58.3435



61.3942, 83.1297, 85.6416



41.0936, 48.3007, 68.7877



12.0251, 13.3538, 14.4884



17.8020, 29.6138, 24.4015



1.0263, 1.6682, 1.5274

Inverse Universe

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



41.5864, 33.8252, 35.3495



58.9745, 44.6401, 45.1097



42.7829, 38.5745, 28.4842



11.9299, 11.8567, 12.9065



16.6419, 8.5296, 3.0203



0.9631, 0.4900, 0.3407

Previews

White Background



This preview shows how the XYZ color 42.9620, 55.6285, 58.3422 looks on a white background.

Color Contrast Check

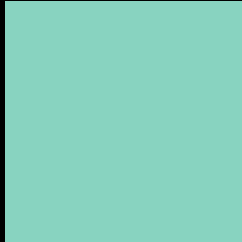
Large Text (above 18pt) WCAG AA × Fail

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 42.9620, 55.6285, 58.3422 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 42.9620, 55.6285, 58.3422

Background



This preview shows how black text looks on a background with the XYZ color 42.9620, 55.6285, 58.3422.



This preview shows how white text looks on a background with the XYZ color 42.9620, 55.6285,

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

42.9620, 55.6285, 58.3422

Protanopia

52.4195, 55.0057, 52.6541

Deuteranopia

56.1088, 55.1086, 59.9043



Tritanopia

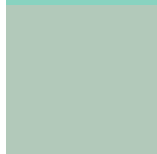
46.7183, 55.3100, 78.0256

Trichromacy



Original Color

42.9620, 55.6285, 58.3422



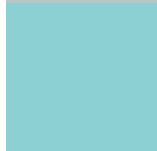
Protanomaly

48.1097, 54.7834, 54.4930



Deuteranomaly

50.2941, 54.7674, 59.5501



Tritanomaly

45.2548, 55.4407, 70.6033

Monochromacy



Original Color

42.9620, 55.6285, 58.3422



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.7407, 50.9859, 55.0601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9620, 55.6285, 58.3422 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(136, 211, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 211, 192)  
}
```

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(136, 211, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 211, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.9620, 55.6285, 58.3422 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(136, 211, 192) }
```


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

```
.border{ border-color:rgb(136, 211, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 211, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 211, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 211, 192);  
box-shadow:4px 4px 4px 4px rgb(136, 211,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9620, 55.6285, 58.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 211, 192) }
```

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

```
.background{ background-color: rgb(136,  
211, 192) }
```

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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