

Converting Colors

Yxy(56.5043, 0.2695, 0.3162)

Have a look what the booklet for
Yxy(56.5043, 0.2695, 0.3162)
contains.

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Color

Yxy(56.5054, 0.2695, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	9ACFD9
RGB	154, 207, 217
RGB Percent	60%, 81%, 85%
CMY	0.3963, 0.1882, 0.1489
CMYK	0.29, 0.05, 0.00, 0.15
HSL	190°, 45%, 73%
HSV	190°, 29%, 85%
XYZ	48.1600, 56.5054, 74.0360
YIQ	192.2930, -34.7980, -8.1260

Conversions

Conversions Part 2

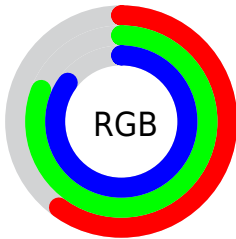
Format	Color
RYB	154, 183, 217
Decimal	10145753
CIELab	79.90, -14.75, -10.52
CIELCh	80, 18.120, 215.506
Yxy	56.5054, 0.2695, 0.3162
Android (android.graphics.Color)	4288335833 (0xFF9ACFD9)
YUV	192.2930, 12.1806, -33.5830
Hunter-Lab	75.1701, -17.1861, -5.7765

Details

The Yxy color **56.5054, 0.2695, 0.3162** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6312, 0.3734, 0.3414**, and the grayscale version is **52.8319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **28.1578, 0.2592, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **52.9149, 0.2562, 0.3111**, and if you desaturate by 10%, it is **60.5219, 0.2838, 0.3210**.

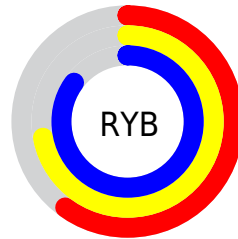
Distribution



Red (60%)

Green (81%)

Blue (85%)



Red (60%)

Yellow (72%)

Blue (85%)

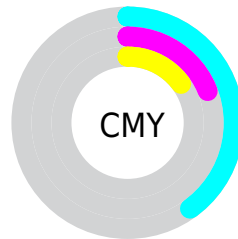


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (40%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5054, 0.2695, 0.3162 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 Yxy color 56.5054, 0.2695, 0.3162 by changing the saturation by 10% instead.


 56.5054, 0.2695,
0.3162

 56.5054, 0.2695,
0.3162


411.5934, 0.2901,
0.3227

 40.6083, 0.2646,
0.3145


 99.7431, 0.2768,
0.3186

 28.0131, 0.2586,
0.3124


 127.8525, 0.2796,
0.3195

 18.3356, 0.2507,
0.3096


160.8015, 0.2820,
0.3202

 11.1912, 0.2403,
0.3056

198.9744, 0.2840,
0.3209

 6.1956, 0.2258,
0.2997

242.7557, 0.2858,
0.3214

 2.9644, 0.2041,
0.2900

292.5296, 0.2874,

 1.1132, 0.1670,

0.3219

0.2727

348.6807, 0.2888,
0.3223

0.0000, 0.0000,
0.0000

56.5054, 0.2695,
0.3162

56.5054, 0.2695,
0.3162

52.9149, 0.2562,
0.3111

60.5219, 0.2838,
0.3210

49.7227, 0.2442,
0.3058

64.9770, 0.2988,
0.3253

46.9079, 0.2338,
0.3003

69.8911, 0.3142,
0.3294

44.4452, 0.2252,
0.2946

75.2813, 0.3297,
0.3330

42.3055, 0.2185,
0.2889

79.7192, 0.3396,
0.3363

■ 40.4546, 0.2137,
0.2832

■ 81.5946, 0.3391,
0.3398

■ 38.8379, 0.2106,
0.2776

■ 83.5078, 0.3386,
0.3432

■ 38.6920, 0.2103,
0.2771

■ 85.4591, 0.3381,
0.3466

■ 87.4486, 0.3376,
0.3499

Harmonies

Analogous

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



56.5054, 0.2814, 0.3384



56.5054, 0.2695, 0.3162



56.5054, 0.2687, 0.2987

Triad

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



56.5054, 0.2695, 0.3162



56.5054, 0.3226, 0.3019



56.5054, 0.3465, 0.3692

Complementary

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



56.5054, 0.2695, 0.3162



43.6312, 0.3734, 0.3414

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.



56.5054, 0.3586, 0.3574



56.5054, 0.2695, 0.3162



56.5054, 0.3446, 0.3190

Square

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



56.5054, 0.2695, 0.3162



56.5054, 0.2986, 0.2914



56.5054, 0.3580, 0.3390



56.5054, 0.3255, 0.3700

Rectangle

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



56.5054, 0.2695, 0.3162



56.5054, 0.2745, 0.2918



56.5054, 0.3580, 0.3390



56.5054, 0.3518, 0.3663

Sweetspot

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



56.5077, 0.2695, 0.3162



93.5995, 0.2988, 0.3253



59.1678, 0.3029, 0.4002



19.8237, 0.2965, 0.3247



0.0000, 0.0000, 0.0000



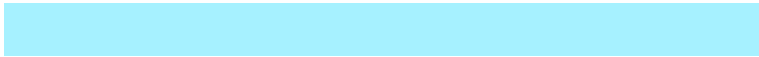
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5077, 0.2695, 0.3162



78.1030, 0.2610, 0.3131



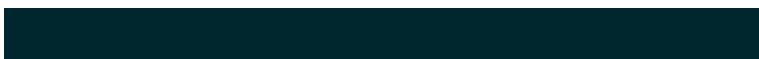
42.9401, 0.2651, 0.2751



14.4588, 0.2982, 0.3252



23.5432, 0.2105, 0.2779



1.6218, 0.2131, 0.2871

Inverse Universe

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



42.3583, 0.3249, 0.2676



54.7816, 0.3282, 0.2543



56.0988, 0.3631, 0.3775



13.2374, 0.3162, 0.3096



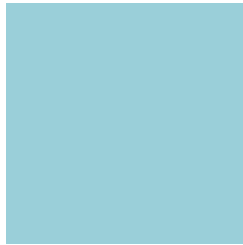
11.0005, 0.3654, 0.1787



0.7224, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 56.5054, 0.2695, 0.3162 looks on a white background.

Color Contrast Check

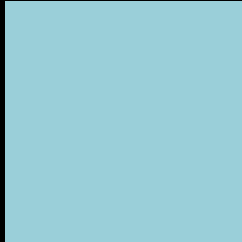
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.5054, 0.2695, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

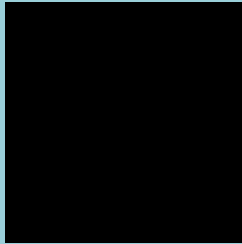
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

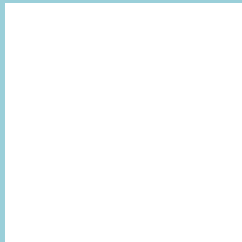
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5054, 0.2695, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 56.5054, 0.2695, 0.3162.

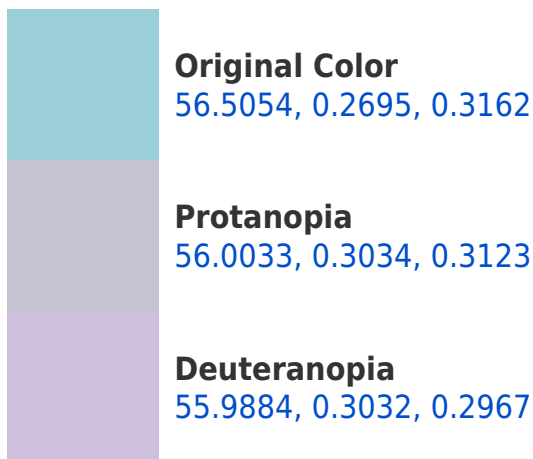


This preview shows how white text looks on a background with the Yxy color 56.5054, 0.2695, 0.3162.

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





Tritanopia

56.4389, 0.2666, 0.3076

Trichromacy



Original Color

56.5054, 0.2695, 0.3162

Protanomaly

55.9364, 0.2895, 0.3131

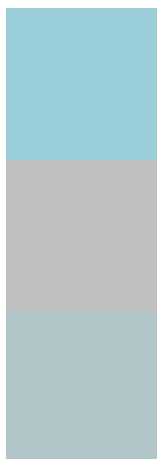
Deuteranomaly

55.6118, 0.2897, 0.3026

Tritanomaly

56.3316, 0.2677, 0.3100

Monochromacy



Original Color

56.5054, 0.2695, 0.3162

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6145, 0.2953, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5054, 0.2695, 0.3162 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(154, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(154, 207, 217)  
}
```

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(154, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 207, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.5054, 0.2695, 0.3162 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(154, 207, 217) }
```

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

```
.border{ border-color:rgb(154, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(154, 207,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5054, 0.2695, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 207, 217) }
```

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

```
.background{ background-color: rgb(154,  
207, 217) }
```

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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