

Converting Colors

$Yxy(44.8041, 0.2629, 0.2954)$

Have a look what the booklet for
Yxy(44.8041, 0.2629, 0.2954)
contains.

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Color

Yxy(44.6352, 0.2631, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	8EB8D1
RGB	142, 184, 209
RGB Percent	56%, 72%, 82%
CMY	0.4433, 0.2784, 0.1805
CMYK	0.32, 0.12, 0.00, 0.18
HSL	202°, 42%, 69%
HSV	202°, 32%, 82%
XYZ	39.7951, 44.6352, 66.8242
YIQ	174.2920, -33.0570, -1.1290

Conversions

Conversions Part 2

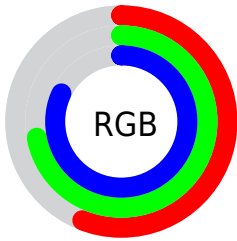
Format	Color
RYB	142, 168, 209
Decimal	9353425
CIELab	72.65, -8.06, -17.12
CIELCh	73, 18.921, 244.776
Yxy	44.6352, 0.2631, 0.2951
Android (android.graphics.Color)	4287543505 (0xFF8EB8D1)
YUV	174.2920, 17.1110, -28.3201
Hunter-Lab	66.8096, -10.5934, -12.5363

Details

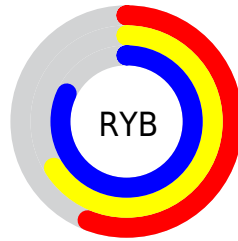
The Yxy color **44.6352, 0.2631, 0.2951** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1069, 0.3760, 0.3604**, and the grayscale version is **42.4038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4105, 0.2777, 0.3129**, and **20.7230, 0.2489, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **39.8144, 0.2481, 0.2825**, and if you desaturate by 10%, it is **49.9839, 0.2785, 0.3068**.

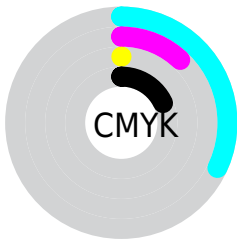
Distribution



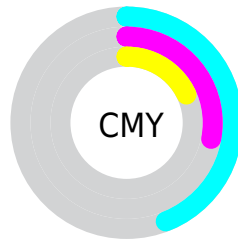
- Red (56%)
- Green (72%)
- Blue (82%)



- Red (56%)
- Yellow (66%)
- Blue (82%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (44%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6352, 0.2631, 0.2951 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 44.6352, 0.2631, 0.2951 by changing the saturation by 10% instead.

■ 44.6352, 0.2631,
0.2951

■ 44.6352, 0.2631,
0.2951

365.2941, 0.2876,
0.3123

■ 31.1702, 0.2571,
0.2907

■ 82.1727, 0.2719,
0.3014

■ 20.7285, 0.2494,
0.2851

■ 107.0140, 0.2753,
0.3038

■ 12.9257, 0.2394,
0.2775

136.4162, 0.2781,
0.3058

■ 7.3774, 0.2256,
0.2670

170.7636, 0.2806,
0.3075

■ 3.6992, 0.2057,
0.2512

210.4408, 0.2827,
0.3089

■ 1.5068, 0.1750,
0.2255

255.8319, 0.2845,

■ 0.2935, 0.0410,

0.3102

0.1465

307.3216, 0.2862,
0.3113

0.0000, 0.0000,
0.0000

44.6352, 0.2631,
0.2951

44.6352, 0.2631,
0.2951

39.8144, 0.2481,
0.2825

49.9839, 0.2785,
0.3068

35.4939, 0.2340,
0.2691

55.8758, 0.2941,
0.3175

31.6512, 0.2212,
0.2551

62.3321, 0.3096,
0.3271

28.2596, 0.2100,
0.2408

69.3710, 0.3246,
0.3358

25.2887, 0.2007,
0.2264

77.0099, 0.3391,
0.3435

■ 22.7024, 0.1936,
0.2121

■ 82.8505, 0.3441,
0.3509

■ 20.8784, 0.1892,
0.2011

■ 87.2966, 0.3427,
0.3585

■ 91.9386, 0.3414,
0.3659

■ 96.7791, 0.3401,
0.3732

Harmonies

Analogous

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



44.6352, 0.2643, 0.3149



44.6352, 0.2631, 0.2951



44.6352, 0.2745, 0.2852

Triad

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



44.6352, 0.2631, 0.2951



44.6352, 0.3482, 0.3171



44.6352, 0.3277, 0.3757

Complementary

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



44.6352, 0.2631, 0.2951



43.1069, 0.3760, 0.3604

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.



44.6352, 0.3513, 0.3742



44.6352, 0.2631, 0.2951



44.6352, 0.3637, 0.3395

Square

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



44.6352, 0.2631, 0.2951



44.6352, 0.3232, 0.2981



44.6352, 0.3647, 0.3604



44.6352, 0.3008, 0.3631

Rectangle

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



44.6352, 0.2631, 0.2951



44.6352, 0.2880, 0.2849



44.6352, 0.3647, 0.3604



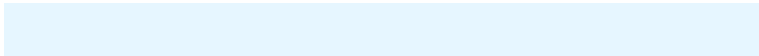
44.6352, 0.3363, 0.3768

Sweetspot

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



44.6370, 0.2631, 0.2951



89.5710, 0.2972, 0.3194



54.1085, 0.2928, 0.3876



18.8740, 0.2950, 0.3180



0.0000, 0.0000, 0.0000



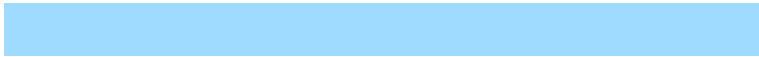
21.4041, 0.3127, 0.3290

Same Dimension

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



44.6370, 0.2631, 0.2951



65.1195, 0.2535, 0.2872



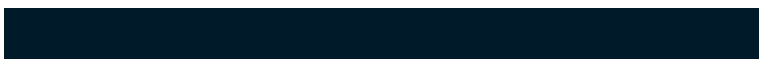
32.4447, 0.2574, 0.2478



12.6363, 0.2983, 0.3201



13.0705, 0.1898, 0.2031



0.8802, 0.1969, 0.2288

Inverse Universe

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



36.3439, 0.3406, 0.2775



50.8580, 0.3480, 0.2671



56.8306, 0.3638, 0.3989



11.9313, 0.3194, 0.3145



9.3907, 0.4418, 0.2207



0.5402, 0.4139, 0.2054

Previews

White Background



This preview shows how the Yxy color 44.6352, 0.2631, 0.2951 looks on a white background.

Color Contrast Check

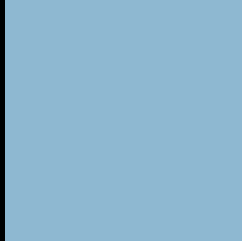
Large Text (above 18pt) WCAG AA × Fail

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 44.6352, 0.2631, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

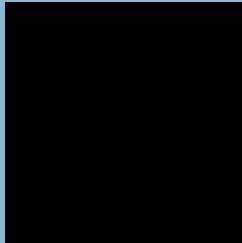
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6352, 0.2631, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 44.6352, 0.2631, 0.2951.



This preview shows how white text looks on a background with the Yxy color 44.6352, 0.2631, 0.2951.

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

44.6352, 0.2631, 0.2951

Protanopia

44.2945, 0.2885, 0.2927

Deuteranopia

44.5590, 0.2881, 0.2822



Tritanopia

44.4435, 0.2676, 0.3082

Trichromacy



Original Color

44.6352, 0.2631, 0.2951

Protanomaly

44.3778, 0.2787, 0.2934

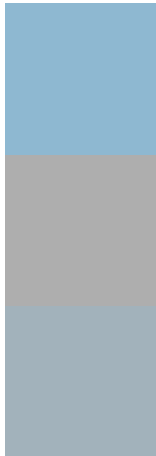
Deuteranomaly

44.6009, 0.2789, 0.2874

Tritanomaly

44.6724, 0.2664, 0.3042

Monochromacy



Original Color

44.6352, 0.2631, 0.2951

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.1100, 0.2923, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6352, 0.2631, 0.2951 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(142, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(142, 184, 209)  
}
```

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(142, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 184, 209) }
```

Border

The CSS property to change the border of an element to Yxy 44.6352, 0.2631, 0.2951 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(142, 184, 209) }
```

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

```
.border{ border-color:rgb(142, 184, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(142, 184,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6352, 0.2631, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 184, 209) }
```

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

```
.background{ background-color: rgb(142,  
184, 209) }
```

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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