

Converting Colors

$Yxy(46.0241, 0.2662, 0.2953)$

Have a look what the booklet for
Yxy(46.0241, 0.2662, 0.2953)
contains.

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Color

Yxy(46.1169, 0.2662, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	94BAD3
RGB	148, 186, 211
RGB Percent	58%, 73%, 83%
CMY	0.4197, 0.2706, 0.1724
CMYK	0.30, 0.12, 0.00, 0.17
HSL	204°, 42%, 70%
HSV	204°, 30%, 83%
XYZ	41.5302, 46.1169, 68.3641
YIQ	177.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

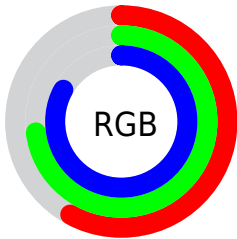
Format	Color
RYB	148, 172, 211
Decimal	9747155
CIELab	73.62, -6.89, -16.74
CIELCh	74, 18.100, 247.639
Yxy	46.1169, 0.2662, 0.2956
Android (android.graphics.Color)	4287937235 (0xFF94BAD3)
YUV	177.4880, 16.5214, -25.8610
Hunter-Lab	67.9094, -9.6794, -12.1504

Details

The Yxy color **46.1169, 0.2662, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **45.8842, 0.3701, 0.3601**, and the grayscale version is **44.1598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4208, 0.2813, 0.3152**, and **21.6083, 0.2536, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **40.8999, 0.2509, 0.2823**, and if you desaturate by 10%, it is **51.9033, 0.2819, 0.3079**.

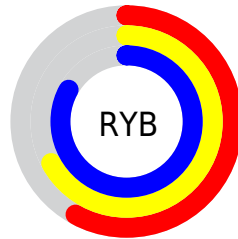
Distribution



Red (58%)

Green (73%)

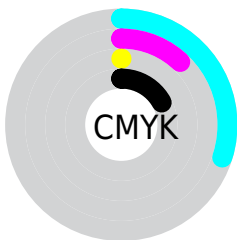
Blue (83%)



Red (58%)

Yellow (67%)

Blue (83%)

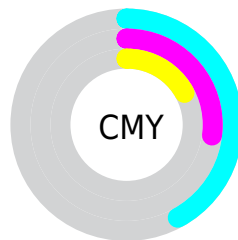


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1169, 0.2662, 0.2956 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 46.1169, 0.2662, 0.2956 by changing the saturation by 10% instead.

■ 46.1169, 0.2662,
0.2956

■ 46.1169, 0.2662,
0.2956

■ 371.2784, 0.2891,
0.3125

■ 32.3381, 0.2606,
0.2914

■ 84.3939, 0.2744,
0.3017

■ 21.6199, 0.2535,
0.2859

■ 109.6609, 0.2776,
0.3040

■ 13.5778, 0.2442,
0.2787

■ 139.5261, 0.2802,
0.3060

■ 7.8276, 0.2314,
0.2686

■ 174.3738, 0.2825,
0.3077

■ 3.9849, 0.2131,
0.2537

■ 214.5885, 0.2845,
0.3091

■ 1.6651, 0.1849,
0.2297

■ 260.5546, 0.2862,

■ 0.4009, 0.0897,

0.3104

0.1689

312.6564, 0.2878,
0.3115

0.0000, 0.0000,
0.0000

46.1169, 0.2662,
0.2956

46.1169, 0.2662,
0.2956

40.8999, 0.2509,
0.2823

51.9033, 0.2819,
0.3079

36.2237, 0.2362,
0.2681

58.2751, 0.2975,
0.3190

32.0653, 0.2227,
0.2532

65.2543, 0.3129,
0.3291

28.3972, 0.2108,
0.2379

72.8599, 0.3278,
0.3381

25.1883, 0.2007,
0.2224

81.1101, 0.3421,
0.3461

■ 22.4026, 0.1928,
0.2072

■ 86.1127, 0.3418,
0.3543

■ 19.9782, 0.1868,
0.1923

■ 91.0583, 0.3404,
0.3623

■ 19.9503, 0.1867,
0.1922

■ 96.2332, 0.3390,
0.3702

■ 97.4850, 0.3387,
0.3720

Harmonies

Analogous

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



46.1169, 0.2662, 0.3137



46.1169, 0.2662, 0.2956



46.1169, 0.2781, 0.2872

Triad

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



46.1169, 0.2662, 0.2956



46.1169, 0.3482, 0.3197



46.1169, 0.3246, 0.3725

Complementary

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



46.1169, 0.2662, 0.2956



45.8842, 0.3701, 0.3601

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.



46.1169, 0.3475, 0.3725



46.1169, 0.2662, 0.2956



46.1169, 0.3616, 0.3411

Square

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



46.1169, 0.2662, 0.2956



46.1169, 0.3251, 0.3012



46.1169, 0.3613, 0.3605



46.1169, 0.2992, 0.3595

Rectangle

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



46.1169, 0.2662, 0.2956



46.1169, 0.2915, 0.2875



46.1169, 0.3613, 0.3605



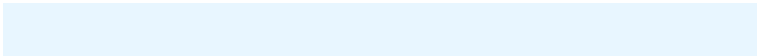
46.1169, 0.3328, 0.3740

Sweetspot

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



46.1187, 0.2662, 0.2956



90.2282, 0.2987, 0.3199



55.8854, 0.2934, 0.3815



18.9901, 0.2964, 0.3183



0.0000, 0.0000, 0.0000



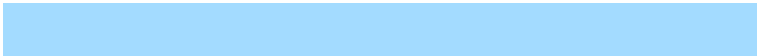
21.4041, 0.3127, 0.3290

Same Dimension

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



46.1187, 0.2662, 0.2956



65.4595, 0.2562, 0.2871



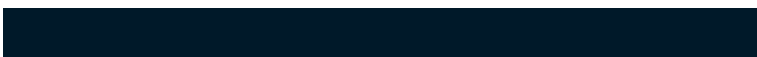
34.5543, 0.2614, 0.2527



12.5866, 0.2983, 0.3195



12.2405, 0.1873, 0.1944



0.8371, 0.1949, 0.2217

Inverse Universe

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



38.5735, 0.3397, 0.2829



52.6166, 0.3476, 0.2726



59.0258, 0.3598, 0.3953



11.9262, 0.3198, 0.3151



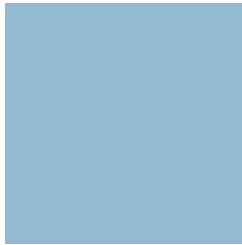
9.3069, 0.4517, 0.2262



0.5358, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 46.1169, 0.2662, 0.2956 looks on a white background.

Color Contrast Check

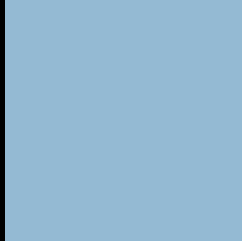
Large Text (above 18pt) WCAG AA × Fail

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 46.1169, 0.2662, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

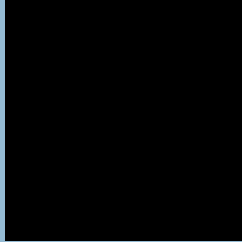
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

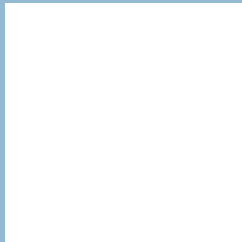
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1169, 0.2662, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 46.1169, 0.2662, 0.2956.



This preview shows how white text looks on a background with the Yxy color 46.1169, 0.2662, 0.2956.

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

46.1169, 0.2662, 0.2956

Protanopia

45.9265, 0.2896, 0.2945

Deuteranopia

45.7998, 0.2891, 0.2828



Tritanopia

45.9159, 0.2707, 0.3085

Trichromacy



Original Color

46.1169, 0.2662, 0.2956

Protanomaly

46.1170, 0.2806, 0.2952

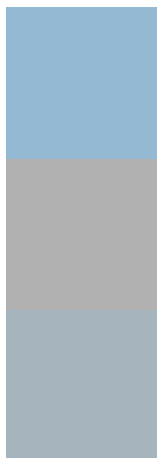
Deuteranomaly

45.9420, 0.2807, 0.2880

Tritanomaly

46.1515, 0.2695, 0.3047

Monochromacy



Original Color

46.1169, 0.2662, 0.2956

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4236, 0.2941, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1169, 0.2662, 0.2956 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(148, 186, 211)` looks like.

```
.text, #text, p{  
    color:rgb(148, 186, 211)  
}
```

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(148, 186, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 186, 211) }
```

Border

The CSS property to change the border of an element to Yxy 46.1169, 0.2662, 0.2956 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(148, 186, 211) }
```

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

```
.border{ border-color:rgb(148, 186, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 186, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 186, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 186, 211);  
box-shadow:4px 4px 4px 4px rgb(148, 186,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1169, 0.2662, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 186, 211) }
```

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

```
.background{ background-color: rgb(148,  
186, 211) }
```

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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