

Converting Colors

$Yxy(41.5076, 0.2691, 0.3058)$

Have a look what the booklet for
Yxy(41.5076, 0.2691, 0.3058)
contains.

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Color

Yxy(41.6693, 0.2692, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	8BB3C3
RGB	139, 179, 195
RGB Percent	55%, 70%, 76%
CMY	0.4548, 0.2981, 0.2352
CMYK	0.29, 0.08, 0.00, 0.24
HSL	197°, 32%, 65%
HSV	197°, 29%, 76%
XYZ	36.6222, 41.6693, 57.7493
YIQ	168.8640, -28.9760, -3.5040

Conversions

Conversions Part 2

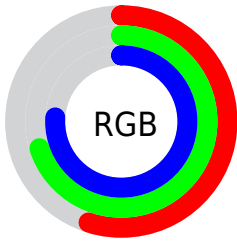
Format	Color
R _Y B	139, 162, 195
Decimal	9155523
CIE Lab	70.64, -9.62, -12.51
CIE LCh	71, 15.782, 232.430
Yxy	41.6693, 0.2692, 0.3063
Android (android.graphics.Color)	4287345603 (0xFF8BB3C3)
YUV	168.8640, 12.8850, -26.1907
Hunter-Lab	64.5518, -11.6971, -7.8558

Details

The Yxy color **41.6693, 0.2692, 0.3063** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9264, 0.3693, 0.3505**, and the grayscale version is **39.5549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9143, 0.2771, 0.3105**, and **18.8710, 0.2569, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **37.9476, 0.2548, 0.2970**, and if you desaturate by 10%, it is **45.7843, 0.2842, 0.3149**.

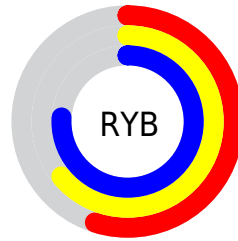
Distribution



Red (55%)

Green (70%)

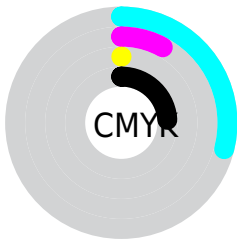
Blue (76%)



Red (55%)

Yellow (64%)

Blue (76%)

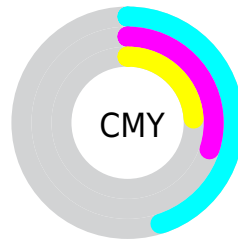


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6693, 0.2692, 0.3063 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 41.6693, 0.2692, 0.3063 by changing the saturation by 10% instead.

■ 41.6693, 0.2692,
0.3063

■ 41.6693, 0.2692,
0.3063

■ 353.1102, 0.2910,
0.3181

■ 28.8424, 0.2637,
0.3032

■ 77.6989, 0.2772,
0.3107

■ 18.9617, 0.2567,
0.2992

■ 101.6704, 0.2801,
0.3123

■ 11.6426, 0.2474,
0.2936

■ 130.1255, 0.2827,
0.3137

■ 6.5008, 0.2344,
0.2857

■ 163.4488, 0.2848,
0.3148

■ 3.1519, 0.2151,
0.2733

■ 202.0245, 0.2867,
0.3158

■ 1.2116, 0.1840,
0.2517

■ 246.2370, 0.2883,

■ 0.0711, 0.0000,

0.3167

0.0695

296.4708, 0.2898,
0.3174

0.0000, 0.0000,
0.0000

41.6693, 0.2692,
0.3063

41.6693, 0.2692,
0.3063

37.9476, 0.2548,
0.2970

45.7843, 0.2842,
0.3149

34.5972, 0.2414,
0.2872

50.3033, 0.2994,
0.3228

31.6013, 0.2293,
0.2769

55.2428, 0.3147,
0.3299

28.9395, 0.2188,
0.2663

60.6168, 0.3297,
0.3363

26.5888, 0.2101,
0.2555

66.4385, 0.3444,
0.3420

■ 24.5224, 0.2035,
0.2447

■ 72.5233, 0.3577,
0.3470

■ 22.6966, 0.1986,
0.2341

■ 75.3693, 0.3564,
0.3527

■ 22.4704, 0.1980,
0.2327

■ 78.3126, 0.3552,
0.3582

■ 81.3543, 0.3539,
0.3637

Harmonies

Analogous

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



41.6693, 0.2748, 0.3258



41.6693, 0.2692, 0.3063



41.6693, 0.2747, 0.2939

Triad

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



41.6693, 0.2692, 0.3063



41.6693, 0.3349, 0.3115



41.6693, 0.3346, 0.3697

Complementary

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



41.6693, 0.2692, 0.3063



36.9264, 0.3693, 0.3505

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.



41.6693, 0.3517, 0.3639



41.6693, 0.2692, 0.3063



41.6693, 0.3521, 0.3302

Square

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



41.6693, 0.2692, 0.3063



41.6693, 0.3121, 0.2974



41.6693, 0.3583, 0.3492



41.6693, 0.3121, 0.3637

Rectangle

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



41.6693, 0.2692, 0.3063



41.6693, 0.2840, 0.2908



41.6693, 0.3583, 0.3492



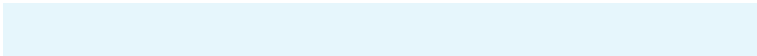
41.6693, 0.3412, 0.3690

Sweetspot

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



41.6710, 0.2692, 0.3063



89.7162, 0.2988, 0.3224



46.8902, 0.2980, 0.3873



19.3749, 0.2965, 0.3213



0.0000, 0.0000, 0.0000



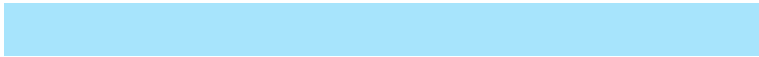
21.4041, 0.3127, 0.3290

Same Dimension

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



41.6710, 0.2692, 0.3063



70.6594, 0.2608, 0.3010



31.6165, 0.2649, 0.2650



10.9257, 0.2984, 0.3223



14.7519, 0.1984, 0.2342



0.7502, 0.2050, 0.2578

Inverse Universe

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



33.3319, 0.3318, 0.2773



53.8724, 0.3368, 0.2666



47.2874, 0.3595, 0.3857



10.1968, 0.3180, 0.3127



8.7714, 0.4083, 0.2023



0.3904, 0.3845, 0.1892

Previews

White Background



This preview shows how the Yxy color 41.6693, 0.2692, 0.3063 looks on a white background.

Color Contrast Check

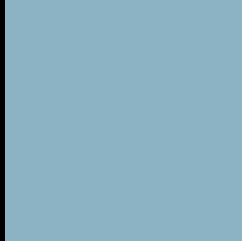
Large Text (above 18pt) WCAG AA × Fail

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 41.6693, 0.2692, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

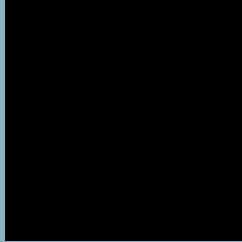
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

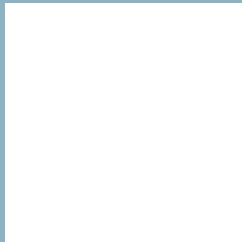
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6693, 0.2692, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 41.6693, 0.2692, 0.3063.



This preview shows how white text looks on a background with the Yxy color 41.6693, 0.2692, 0.3063.

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

41.6693, 0.2692, 0.3063

Protanopia

41.3896, 0.2964, 0.3034

Deuteranopia

41.3836, 0.2969, 0.2911



Tritanopia

41.6242, 0.2699, 0.3077

Trichromacy



Original Color

41.6693, 0.2692, 0.3063

Protanomaly

41.4488, 0.2859, 0.3043

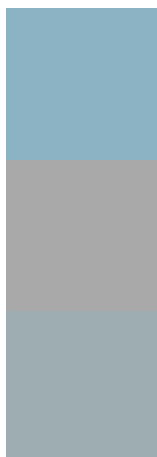
Deuteranomaly

41.2771, 0.2861, 0.2966

Tritanomaly

41.6242, 0.2699, 0.3077

Monochromacy



Original Color

41.6693, 0.2692, 0.3063

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3706, 0.2957, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6693, 0.2692, 0.3063 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(139, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 195)  
}
```

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(139, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 195) }
```

Border

The CSS property to change the border of an element to Yxy 41.6693, 0.2692, 0.3063 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(139, 179, 195) }
```

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

```
.border{ border-color:rgb(139, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6693, 0.2692, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 195) }
```

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

```
.background{ background-color: rgb(139,  
179, 195) }
```

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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