

Converting Colors

$Yxy(41.4762, 0.2723, 0.3053)$

Have a look what the booklet for
Yxy(41.4762, 0.2723, 0.3053)
contains.

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Color

Yxy(41.5755, 0.2726, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	8FB2C2
RGB	143, 178, 194
RGB Percent	56%, 70%, 76%
CMY	0.4392, 0.3020, 0.2391
CMYK	0.26, 0.08, 0.00, 0.24
HSL	199°, 29%, 66%
HSV	199°, 26%, 76%
XYZ	36.9892, 41.5755, 57.1256
YIQ	169.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

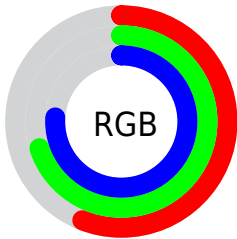
Format	Color
RYB	143, 164, 194
Decimal	9417410
CIELab	70.58, -8.13, -12.04
CIELCh	71, 14.525, 235.959
Yxy	41.5755, 0.2726, 0.3064
Android (android.graphics.Color)	4287607490 (0xFF8FB2C2)
YUV	169.3590, 12.1480, -23.1168
Hunter-Lab	64.4791, -10.4398, -7.3930

Details

The Yxy color **41.5755, 0.2726, 0.3064** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2650, 0.3629, 0.3505**, and the grayscale version is **39.8141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7535, 0.2804, 0.3117**, and **18.7848, 0.2611, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **37.6207, 0.2578, 0.2964**, and if you desaturate by 10%, it is **45.9409, 0.2878, 0.3157**.

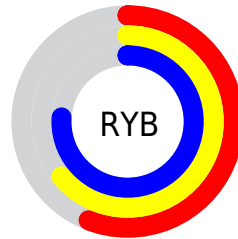
Distribution



Red (56%)

Green (70%)

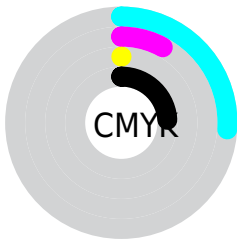
Blue (76%)



Red (56%)

Yellow (64%)

Blue (76%)

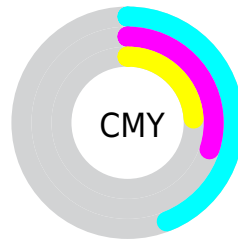


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (44%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5755, 0.2726, 0.3064 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 41.5755, 0.2726, 0.3064 by changing the saturation by 10% instead.


 41.5755, 0.2726,
0.3064

 41.5755, 0.2726,
0.3064


352.7202, 0.2928,
0.3181

 28.7690, 0.2675,
0.3033


 77.5568, 0.2800,
0.3108

 18.9062, 0.2610,
0.2994


 101.5003, 0.2827,
0.3124

 11.6025, 0.2523,
0.2939


129.9251, 0.2850,
0.3137

 6.4736, 0.2402,
0.2861

163.2154, 0.2870,
0.3149

 3.1352, 0.2222,
0.2740

201.7557, 0.2888,
0.3158

 1.2027, 0.1927,
0.2529

245.9303, 0.2903,

 0.0639, 0.0000,

0.3167

0.0655

296.1237, 0.2916,
0.3175

0.0000, 0.0000,
0.0000

41.5755, 0.2726,
0.3064

41.5755, 0.2726,
0.3064

37.6207, 0.2578,
0.2964

45.9409, 0.2878,
0.3157

34.0547, 0.2439,
0.2856

50.7275, 0.3031,
0.3241

30.8610, 0.2310,
0.2743

55.9518, 0.3183,
0.3317

28.0195, 0.2197,
0.2626

61.6276, 0.3332,
0.3386

25.5079, 0.2102,
0.2507

67.7681, 0.3476,
0.3446

■ 23.3004, 0.2026,
0.2388

■ 73.5366, 0.3580,
0.3502

■ 21.3640, 0.1970,
0.2270

■ 76.6904, 0.3566,
0.3563

■ 20.6910, 0.1952,
0.2227

■ 79.9610, 0.3552,
0.3623

■ 83.3496, 0.3538,
0.3682

Harmonies

Analogous

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



41.5755, 0.2766, 0.3238



41.5755, 0.2726, 0.3064



41.5755, 0.2789, 0.2958

Triad

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



41.5755, 0.2726, 0.3064



41.5755, 0.3354, 0.3148



41.5755, 0.3307, 0.3663

Complementary

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



41.5755, 0.2726, 0.3064



38.2650, 0.3629, 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.



41.5755, 0.3472, 0.3623



41.5755, 0.2726, 0.3064



41.5755, 0.3502, 0.3323

Square

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



41.5755, 0.2726, 0.3064



41.5755, 0.3147, 0.3010



41.5755, 0.3545, 0.3496



41.5755, 0.3097, 0.3595

Rectangle

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



41.5755, 0.2726, 0.3064



41.5755, 0.2882, 0.2937



41.5755, 0.3545, 0.3496



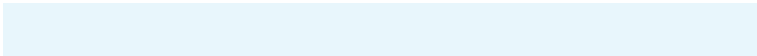
41.5755, 0.3369, 0.3661

Sweetspot

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



41.5772, 0.2726, 0.3064



90.2311, 0.3003, 0.3226



46.9133, 0.2986, 0.3803



19.4623, 0.2980, 0.3214



0.0000, 0.0000, 0.0000



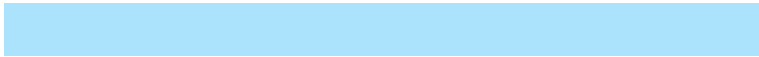
21.4041, 0.3127, 0.3290

Same Dimension

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



41.5772, 0.2726, 0.3064



70.7681, 0.2634, 0.3002



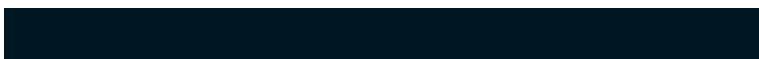
32.5905, 0.2692, 0.2700



10.8774, 0.2984, 0.3216



13.7527, 0.1956, 0.2242



0.7130, 0.2029, 0.2504

Inverse Universe

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



34.3360, 0.3313, 0.2836



55.7077, 0.3369, 0.2725



47.6617, 0.3550, 0.3818



10.1919, 0.3184, 0.3133



8.6706, 0.4187, 0.2080



0.3866, 0.3919, 0.1932

Previews

White Background



This preview shows how the Yxy color 41.5755, 0.2726, 0.3064 looks on a white background.

Color Contrast Check

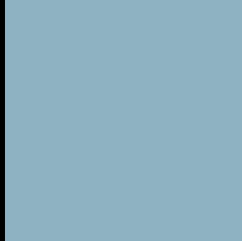
Large Text (above 18pt) WCAG AA × Fail

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 41.5755, 0.2726, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

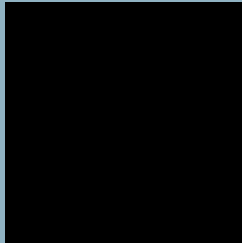
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

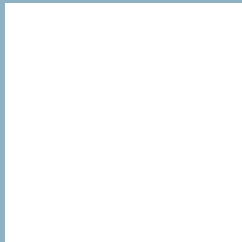
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5755, 0.2726, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 41.5755, 0.2726, 0.3064.



This preview shows how white text looks on a background with the Yxy color 41.5755, 0.2726, 0.3064.

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

41.5755, 0.2726, 0.3064

Protanopia

41.3896, 0.2964, 0.3034

Deuteranopia

41.4558, 0.2985, 0.2924



Tritanopia

41.5307, 0.2733, 0.3078

Trichromacy



Original Color

41.5755, 0.2726, 0.3064

Protanomaly

41.5073, 0.2875, 0.3057

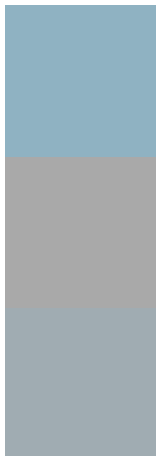
Deuteranomaly

41.4445, 0.2885, 0.2980

Tritanomaly

41.5307, 0.2733, 0.3078

Monochromacy



Original Color

41.5755, 0.2726, 0.3064

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1930, 0.2974, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5755, 0.2726, 0.3064 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(143, 178, 194)` looks like.

```
.text, #text, p{  
    color:rgb(143, 178, 194)  
}
```

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(143, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 178, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.5755, 0.2726, 0.3064 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(143, 178, 194) }
```

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

```
.border{ border-color:rgb(143, 178, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 178, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(143, 178,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5755, 0.2726, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 178, 194) }
```

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

```
.background{ background-color: rgb(143,  
178, 194) }
```

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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