

Converting Colors

$Y_{xy}(35.3688, 0.2521, 0.2853)$

Have a look what the booklet for
Yxy(35.3688, 0.2521, 0.2853)
contains.

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Color

Yxy(35.5449, 0.2524, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	77A7C4
RGB	119, 167, 196
RGB Percent	47%, 65%, 77%
CMY	0.5333, 0.3451, 0.2313
CMYK	0.39, 0.15, 0.00, 0.23
HSL	203°, 39%, 62%
HSV	203°, 39%, 77%
XYZ	31.3909, 35.5449, 57.4340
YIQ	155.9540, -37.9170, -1.1570

Conversions

Conversions Part 2

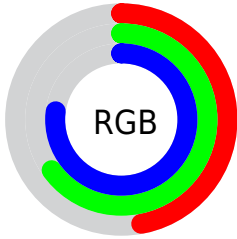
Format	Color
R _Y B	119, 149, 196
Decimal	7841732
CIE Lab	66.17, -8.57, -19.92
CIE LCh	66, 21.688, 246.726
Yxy	35.5449, 0.2524, 0.2858
Android (android.graphics.Color)	4286031812 (0xFF77A7C4)
YUV	155.9540, 19.7427, -32.4087
Hunter-Lab	59.6195, -10.3502, -15.3828

Details

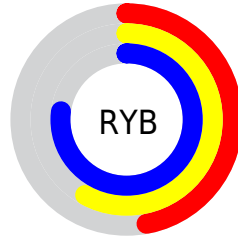
The Yxy color **35.5449, 0.2524, 0.2858** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.2515, 0.3942, 0.3680**, and the grayscale version is **33.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3331, 0.2637, 0.2939**, and **15.3727, 0.2347, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **31.6710, 0.2380, 0.2725**, and if you desaturate by 10%, it is **39.8620, 0.2675, 0.2982**.

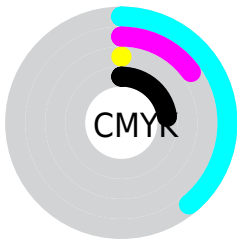
Distribution



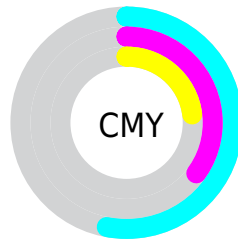
- Red (47%)
- Green (65%)
- Blue (77%)



- Red (47%)
- Yellow (58%)
- Blue (77%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (53%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5449, 0.2524, 0.2858 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 35.5449, 0.2524, 0.2858 by changing the saturation by 10% instead.

■ 35.5449, 0.2524,
0.2858

■ 35.5449, 0.2524,
0.2858

■ 326.9670, 0.2832,
0.3085

■ 24.0829, 0.2446,
0.2798

■ 68.3291, 0.2637,
0.2943

■ 15.3951, 0.2344,
0.2719

■ 90.4200, 0.2679,
0.2974

■ 9.0972, 0.2208,
0.2611

■ 116.8227, 0.2715,
0.3001

■ 4.8046, 0.2018,
0.2455

■ 147.9217, 0.2745,
0.3023

■ 2.1331, 0.1737,
0.2213

■ 184.1012, 0.2771,
0.3042

■ 0.6831, 0.1158,
0.1798

■ 225.7456, 0.2794,

■ 0.0000, 0.0000,

0.3058

0.0000

273.2394, 0.2814,
0.3073

■ 35.5449, 0.2524,
0.2858

■ 35.5449, 0.2524,
0.2858

■ 31.6710, 0.2380,
0.2725

■ 39.8620, 0.2675,
0.2982

■ 28.2159, 0.2247,
0.2586

■ 44.6368, 0.2830,
0.3097

■ 25.1587, 0.2130,
0.2442

■ 49.8882, 0.2985,
0.3202

■ 22.4743, 0.2031,
0.2296

■ 55.6325, 0.3138,
0.3296

■ 20.1336, 0.1953,
0.2152

■ 61.8852, 0.3286,
0.3381

■ 18.0873, 0.1893,
0.2011

■ 68.6610, 0.3429,
0.3456

■ 17.9480, 0.1889,
0.2001

■ 75.7438, 0.3556,
0.3523

■ 79.6746, 0.3539,
0.3596

■ 83.7784, 0.3523,
0.3668

Harmonies

Analogous

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



35.5449, 0.2528, 0.3093



35.5449, 0.2524, 0.2858



35.5449, 0.2671, 0.2750

Triad

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



35.5449, 0.2524, 0.2858



35.5449, 0.3584, 0.3159



35.5449, 0.3288, 0.3868

Complementary

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



35.5449, 0.2524, 0.2858



34.2515, 0.3942, 0.3680

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.



35.5449, 0.3586, 0.3855



35.5449, 0.2524, 0.2858



35.5449, 0.3766, 0.3432

Square

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



35.5449, 0.2524, 0.2858



35.5449, 0.3276, 0.2925



35.5449, 0.3765, 0.3687



35.5449, 0.2957, 0.3701

Rectangle

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



35.5449, 0.2524, 0.2858



35.5449, 0.2840, 0.2754



35.5449, 0.3765, 0.3687



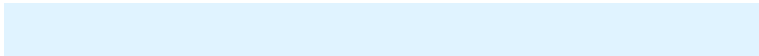
35.5449, 0.3395, 0.3884

Sweetspot

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



35.5463, 0.2524, 0.2858



87.5164, 0.2940, 0.3173



45.5191, 0.2890, 0.4031



18.4584, 0.2920, 0.3159



0.0000, 0.0000, 0.0000



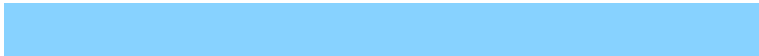
21.4041, 0.3127, 0.3290

Same Dimension

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



35.5463, 0.2524, 0.2858



58.4052, 0.2402, 0.2746



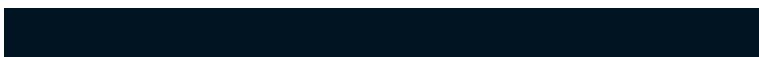
23.6804, 0.2434, 0.2264



10.7702, 0.2984, 0.3201



11.7016, 0.1895, 0.2021



0.6347, 0.1982, 0.2336

Inverse Universe

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



27.7216, 0.3492, 0.2664



43.2758, 0.3603, 0.2534



48.0767, 0.3755, 0.4140



10.1811, 0.3194, 0.3147



8.4635, 0.4430, 0.2214



0.3787, 0.4089, 0.2026

Previews

White Background



This preview shows how the Yxy color 35.5449, 0.2524, 0.2858 looks on a white background.

Color Contrast Check

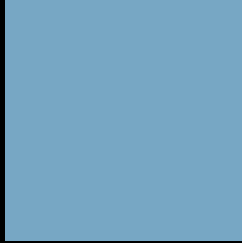
Large Text (above 18pt) WCAG AA × Fail

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 35.5449, 0.2524, 0.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

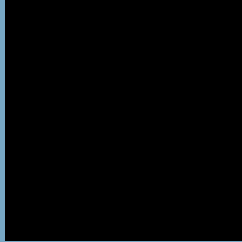
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

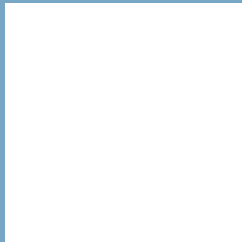
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5449, 0.2524, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 35.5449, 0.2524, 0.2858.



This preview shows how white text looks on a background with the Yxy color 35.5449, 0.2524, 0.2858.

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

35.5449, 0.2524, 0.2858

Protanopia

35.3840, 0.2822, 0.2851

Deuteranopia

35.3593, 0.2784, 0.2723



Tritanopia

35.5078, 0.2592, 0.3074

Trichromacy



Original Color

35.5449, 0.2524, 0.2858

Protanomaly

35.3092, 0.2703, 0.2856

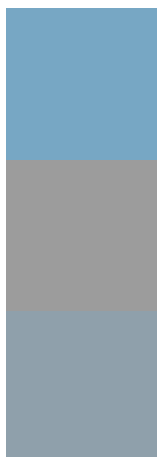
Deuteranomaly

35.3606, 0.2681, 0.2776

Tritanomaly

35.4180, 0.2564, 0.2985

Monochromacy



Original Color

35.5449, 0.2524, 0.2858

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.9215, 0.2877, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5449, 0.2524, 0.2858 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(119, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(119, 167, 196)  
}
```

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(119, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 167, 196) }
```

Border

The CSS property to change the border of an element to Yxy 35.5449, 0.2524, 0.2858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

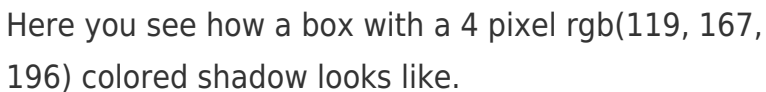
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 167, 196) }
```

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

```
.border{ border-color:rgb(119, 167, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 167, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 167, 196); box-shadow:4px 4px 4px 4px rgb(119, 167, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5449, 0.2524, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 167, 196) }
```

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

```
.background{ background-color: rgb(119,  
167, 196) }
```

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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