

Converting Colors

$Yxy(61.0495, 0.2434, 0.2980)$

Have a look what the booklet for
Yxy(61.0495, 0.2434, 0.2980)
contains.

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Color

Yxy(61.0495, 0.2434, 0.2980)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EDAF3 |
| RGB | 126, 218, 243 |
| RGB Percent | 49%, 85%, 95% |
| CMY | 0.5055, 0.1451, 0.0470 |
| CMYK | 0.48, 0.10, 0.00, 0.05 |
| HSL | 193°, 83%, 72% |
| HSV | 193°, 48%, 95% |
| XYZ | 49.8639, 61.0495, 93.9507 |
| YIQ | 193.3420, -62.8570, -11.7290 |

Conversions

Conversions Part 2

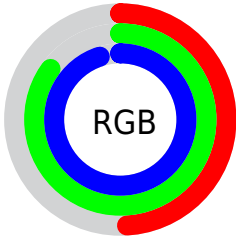
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 126, 178, 243 |
| Decimal | 8313587 |
| CIE Lab | 82.41, -20.90, -20.74 |
| CIE LCh | 82, 29.444, 224.779 |
| Yxy | 61.0495, 0.2434, 0.2980 |
| Android (android.graphics.Color) | 4286503667 (0xFF7EDAF3) |
| YUV | 193.3420, 24.4814, -59.0589 |
| Hunter-Lab | 78.1342, -22.8191, -16.5980 |

Details

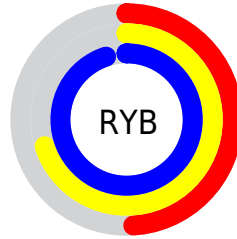
The Yxy color **61.0495, 0.2434, 0.2980** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **42.7343, 0.4324, 0.3566**, and the grayscale version is **53.4355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **30.9061, 0.2269, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **56.7672, 0.2321, 0.2904**, and if you desaturate by 10%, it is **65.8697, 0.2562, 0.3053**.

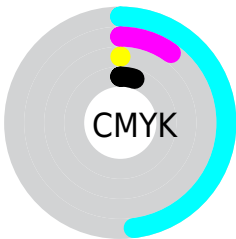
Distribution



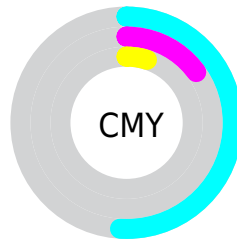
- Red (49%)
- Green (85%)
- Blue (95%)



- Red (49%)
- Yellow (70%)
- Blue (95%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0495, 0.2434, 0.2980 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 61.0495, 0.2434, 0.2980 by changing the saturation by 10% instead.


 61.0495, 0.2434,
0.2980

 61.0495, 0.2434,
0.2980

428.4555, 0.2755,
0.3135

 44.2651, 0.2361,
0.2942


 106.3506, 0.2545,
0.3036

 30.8790, 0.2271,
0.2894


 135.6361, 0.2589,
0.3057

 20.5067, 0.2158,
0.2831


 169.8575, 0.2626,
0.3075

 12.7639, 0.2012,
0.2745

209.3990, 0.2659,
0.3090

 7.2662, 0.1817,
0.2624

254.6452, 0.2687,
0.3104

 3.6291, 0.1546,
0.2439

305.9804, 0.2713,

 1.4683, 0.1157,

0.3115

363.7891, 0.2735,
0.3126

0.2136

0.2663, 0.0000,
0.1193

0.0000, 0.0000,
0.0000

61.0495, 0.2434,
0.2980

61.0495, 0.2434,
0.2980

56.7672, 0.2321,
0.2904

65.8697, 0.2562,
0.3053

52.9821, 0.2225,
0.2825

71.2515, 0.2701,
0.3122

49.6582, 0.2149,
0.2746

77.2249, 0.2849,
0.3187

46.7504, 0.2093,
0.2666

83.8159, 0.3002,
0.3246

■ 44.1966, 0.2055,
0.2588

■ 91.0486, 0.3157,
0.3300

■ 43.7361, 0.2048,
0.2573

■ 95.5979, 0.3201,
0.3350

■ 98.8601, 0.3197,
0.3399

■ 99.2512, 0.3197,
0.3405

Harmonies

Analogous

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



61.0495, 0.2562, 0.3321



61.0495, 0.2434, 0.2980



61.0495, 0.2476, 0.2753

Triad

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



61.0495, 0.2434, 0.2980



61.0495, 0.3397, 0.2942



61.0495, 0.3563, 0.3955

Complementary

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



61.0495, 0.2434, 0.2980



42.7343, 0.4324, 0.3566

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.



61.0495, 0.3813, 0.3800



61.0495, 0.2434, 0.2980



61.0495, 0.3719, 0.3220

Square

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



61.0495, 0.2434, 0.2980



61.0495, 0.3014, 0.2748



61.0495, 0.3874, 0.3528



61.0495, 0.3205, 0.3919

Rectangle

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



61.0495, 0.2434, 0.2980



61.0495, 0.2597, 0.2685



61.0495, 0.3874, 0.3528



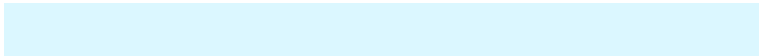
61.0495, 0.3663, 0.3921

Sweetspot

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



61.0518, 0.2434, 0.2980



89.0694, 0.2911, 0.3212



70.7315, 0.2944, 0.4513



18.7306, 0.2878, 0.3199



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.



61.0518, 0.2434, 0.2980



63.3167, 0.2321, 0.2903



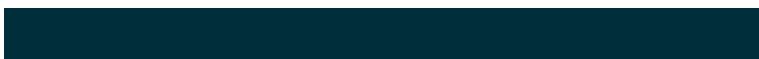
36.4643, 0.2293, 0.2225



18.1207, 0.2980, 0.3238



24.2080, 0.2052, 0.2586



2.2740, 0.2079, 0.2684

Inverse Universe

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



39.0642, 0.3418, 0.2339



37.1431, 0.3500, 0.2171



65.6429, 0.4004, 0.4154



16.7040, 0.3171, 0.3106



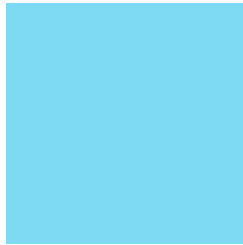
12.5432, 0.3838, 0.1888



1.1172, 0.3743, 0.1836

Previews

White Background



This preview shows how the Yxy color 61.0495, 0.2434, 0.2980 looks on a white background.

Color Contrast Check

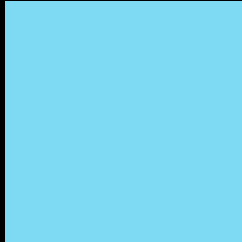
Large Text (above 18pt) WCAG AA × Fail

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 61.0495, 0.2434, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

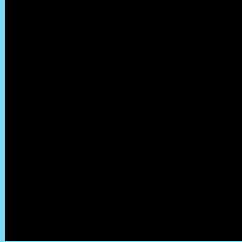
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0495, 0.2434, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 61.0495, 0.2434, 0.2980.



This preview shows how white text looks on a background with the Yxy color 61.0495, 0.2434, 0.2980.

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

61.0495, 0.2434, 0.2980

Protanopia

60.2664, 0.2893, 0.2936

Deuteranopia

60.1188, 0.2824, 0.2757



Tritanopia

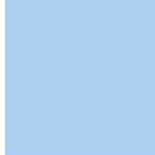
61.0625, 0.2455, 0.3064

Trichromacy



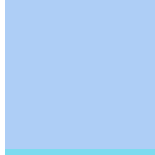
Original Color

61.0495, 0.2434, 0.2980



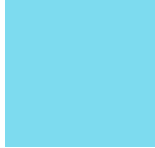
Protanomaly

59.9968, 0.2693, 0.2946



Deuteranomaly

59.7951, 0.2653, 0.2824



Tritanomaly

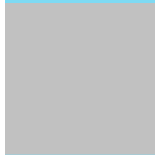
61.2550, 0.2450, 0.3040

Monochromacy



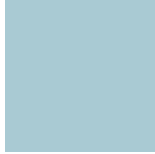
Original Color

61.0495, 0.2434, 0.2980



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.3792, 0.2824, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0495, 0.2434, 0.2980 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(126, 218, 243)` looks like.

```
.text, #text, p{  
    color:rgb(126, 218, 243)  
}
```

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(126, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 218, 243) }
```

Border

The CSS property to change the border of an element to Yxy 61.0495, 0.2434, 0.2980 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(126, 218, 243) }
```

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

```
.border{ border-color:rgb(126, 218, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 218, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 218, 243); box-shadow:4px 4px 4px 4px rgb(126, 218, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0495, 0.2434, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 218, 243) }
```

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

```
.background{ background-color: rgb(126,  
218, 243) }
```

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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