

Converting Colors

$Yxy(60.1340, 0.2444, 0.3074)$

Have a look what the booklet for
Yxy(60.1340, 0.2444, 0.3074)
contains.

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Color

Yxy(60.1340, 0.2444, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	78DAEB
RGB	120, 218, 235
RGB Percent	47%, 85%, 92%
CMY	0.5295, 0.1451, 0.0785
CMYK	0.49, 0.07, 0.00, 0.08
HSL	189°, 74%, 70%
HSV	189°, 49%, 92%
XYZ	47.8099, 60.1340, 87.6775
YIQ	190.6360, -63.8650, -15.4890

Conversions

Conversions Part 2

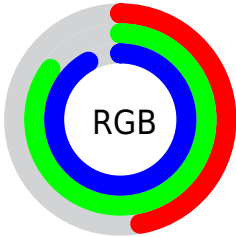
Format	Color
RYB	120, 173, 235
Decimal	7920363
CIELab	81.91, -24.38, -17.26
CIElCh	82, 29.873, 215.286
Yxy	60.1340, 0.2444, 0.3074
Android (android.graphics.Color)	4286110443 (0xFF78DAEB)
YUV	190.6360, 21.8715, -61.9478
Hunter-Lab	77.5461, -25.6543, -12.7539

Details

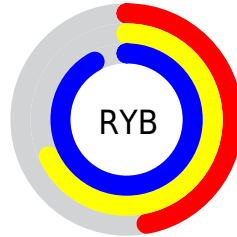
The Yxy color **60.1340, 0.2444, 0.3074** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.9010, 0.4398, 0.3484**, and the grayscale version is **51.7769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **30.3486, 0.2284, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **56.8760, 0.2341, 0.3022**, and if you desaturate by 10%, it is **63.8465, 0.2563, 0.3124**.

Distribution



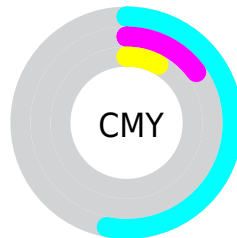
- Red (47%)
- Green (85%)
- Blue (92%)



- Red (47%)
- Yellow (68%)
- Blue (92%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)





- Cyan (53%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1340, 0.2444, 0.3074 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 60.1340, 0.2444, 0.3074 by changing the saturation by 10% instead.


 60.1340, 0.2444,
0.3074


 60.1340, 0.2444,
0.3074


425.0915, 0.2762,
0.3185

 43.5267, 0.2371,
0.3046


 105.0240, 0.2555,
0.3115

 30.2986, 0.2282,
0.3010


 134.0755, 0.2598,
0.3130

 20.0653, 0.2168,
0.2961


 168.0438, 0.2635,
0.3143

 12.4425, 0.2021,
0.2895

207.3133, 0.2667,
0.3154

 7.0458, 0.1823,
0.2797

252.2684, 0.2695,
0.3163

 3.4908, 0.1547,
0.2643

303.2936, 0.2720,

 1.3930, 0.1124,

0.3172

0.2379

360.7732, 0.2742,
0.3179

0.2116, 0.0000,
0.1223

0.0000, 0.0000,
0.0000

60.1340, 0.2444,
0.3074

60.1340, 0.2444,
0.3074

56.8760, 0.2341,
0.3022

63.8465, 0.2563,
0.3124

54.0347, 0.2256,
0.2970

68.0343, 0.2696,
0.3171


51.5771, 0.2191,
0.2917

72.7254, 0.2839,
0.3215


49.4617, 0.2145,
0.2864

77.9430, 0.2989,
0.3256

 47.6254, 0.2116,
0.2812


 83.7093, 0.3144,
0.3294

 47.4381, 0.2113,
0.2807

 88.8920, 0.3259,
0.3328

 90.9420, 0.3256,
0.3362

 93.0312, 0.3253,
0.3395

 95.1598, 0.3249,
0.3429

Harmonies

Analogous

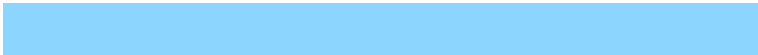
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1340, 0.2626, 0.3441



60.1340, 0.2444, 0.3074



60.1340, 0.2432, 0.2800

Triad

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



60.1340, 0.2444, 0.3074



60.1340, 0.3279, 0.2861



60.1340, 0.3668, 0.3936

Complementary

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



60.1340, 0.2444, 0.3074



36.9010, 0.4398, 0.3484

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.



60.1340, 0.3869, 0.3730



60.1340, 0.2444, 0.3074



60.1340, 0.3641, 0.3123

Square

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



60.1340, 0.2444, 0.3074



60.1340, 0.2894, 0.2700



60.1340, 0.3862, 0.3433



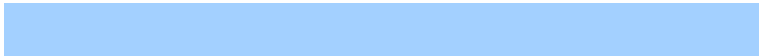
60.1340, 0.3327, 0.3968

Rectangle

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



60.1340, 0.2444, 0.3074



60.1340, 0.2520, 0.2698



60.1340, 0.3862, 0.3433



60.1340, 0.3755, 0.3883

Sweetspot

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



60.1363, 0.2444, 0.3074



89.9017, 0.2896, 0.3232



65.1630, 0.2980, 0.4640



18.9644, 0.2865, 0.3223



0.0000, 0.0000, 0.0000



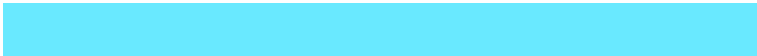
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1363, 0.2444, 0.3074



68.3488, 0.2338, 0.3021



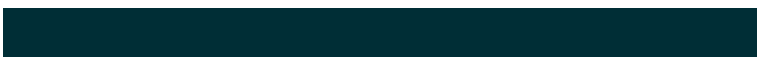
35.8862, 0.2299, 0.2312



16.7206, 0.2981, 0.3254



26.5517, 0.2115, 0.2815



2.1882, 0.2135, 0.2887

Inverse Universe

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



36.1536, 0.3346, 0.2256



37.1423, 0.3404, 0.2076



57.0791, 0.4061, 0.4090



15.2733, 0.3160, 0.3092



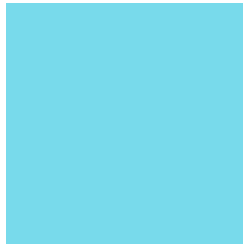
12.1732, 0.3621, 0.1768



0.9663, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 60.1340, 0.2444, 0.3074 looks on a white background.

Color Contrast Check

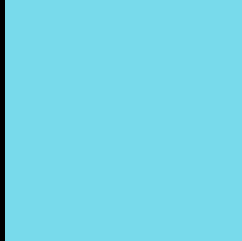
Large Text (above 18pt) WCAG AA × Fail

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 60.1340, 0.2444, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

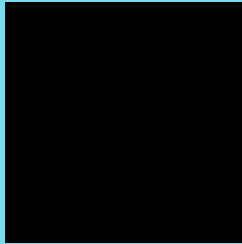
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1340, 0.2444, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 60.1340, 0.2444, 0.3074.



This preview shows how white text looks on a background with the Yxy color 60.1340, 0.2444, 0.3074.

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

60.1340, 0.2444, 0.3074

Protanopia

59.4345, 0.2959, 0.3024

Deuteranopia

59.4575, 0.2888, 0.2830



Tritanopia

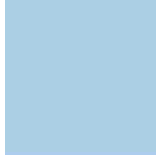
60.1920, 0.2439, 0.3062

Trichromacy



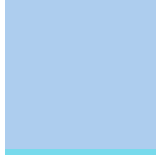
Original Color

60.1340, 0.2444, 0.3074



Protanomaly

58.8850, 0.2738, 0.3036



Deuteranomaly

58.7199, 0.2690, 0.2899



Tritanomaly

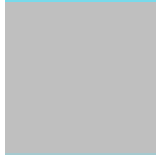
60.1920, 0.2439, 0.3062

Monochromacy



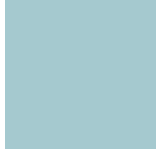
Original Color

60.1340, 0.2444, 0.3074



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.2776, 0.2821, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1340, 0.2444, 0.3074 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(120, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(120, 218, 235)  
}
```

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(120, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 218, 235) }
```

Border

The CSS property to change the border of an element to Yxy 60.1340, 0.2444, 0.3074 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(120, 218, 235) }
```

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

```
.border{ border-color:rgb(120, 218, 235) }
```

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

Here you see how a box with a 4 pixel rgb(120, 218, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(120, 218,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1340, 0.2444, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 218, 235) }
```

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

```
.background{ background-color: rgb(120,  
218, 235) }
```

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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