

Converting Colors

$Y_{xy}(54.3460, 0.2454, 0.3034)$

Have a look what the booklet for
Yxy(54.3460, 0.2454, 0.3034)
contains.

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Color

Yxy(54.0936, 0.2450, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	77CFE3
RGB	119, 207, 227
RGB Percent	47%, 81%, 89%
CMY	0.5336, 0.1882, 0.1097
CMYK	0.48, 0.09, 0.00, 0.11
HSL	191°, 66%, 68%
HSV	191°, 48%, 89%
XYZ	43.7824, 54.0936, 80.8277
YIQ	182.9680, -58.8680, -12.4360

Conversions

Conversions Part 2

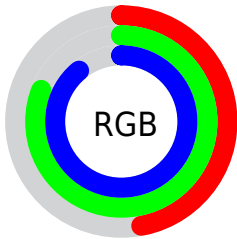
Format	Color
R _Y B	119, 167, 227
Decimal	7852003
CIE Lab	78.52, -21.25, -18.13
CIE LCh	79, 27.932, 220.477
Yxy	54.0936, 0.2450, 0.3027
Android (android.graphics.Color)	4286042083 (0xFF77CFE3)
YUV	182.9680, 21.7078, -56.0999
Hunter-Lab	73.5484, -22.4508, -13.6743

Details

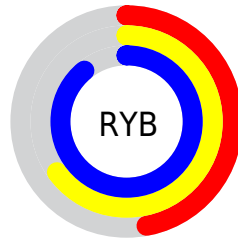
The Yxy color **54.0936, 0.2450, 0.3027** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1206, 0.4319, 0.3526**, and the grayscale version is **47.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0871, 0.2686, 0.3289**, and **26.3648, 0.2278, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **50.6669, 0.2340, 0.2962**, and if you desaturate by 10%, it is **57.9623, 0.2575, 0.3090**.

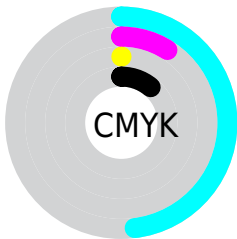
Distribution



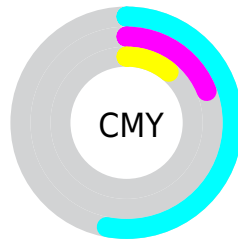
- Red (47%)
- Green (81%)
- Blue (89%)



- Red (47%)
- Yellow (65%)
- Blue (89%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)




- Cyan (53%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0936, 0.2450, 0.3027 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 54.0936, 0.2450, 0.3027 by changing the saturation by 10% instead.


 54.0936, 0.2450,
0.3027


 54.0936, 0.2450,
0.3027


402.4668, 0.2771,
0.3162


 38.6765, 0.2375,
0.2993


 96.2117, 0.2563,
0.3077

 26.5082, 0.2282,
0.2948


 123.6814, 0.2606,
0.3095

 17.2042, 0.2163,
0.2889


 155.9375, 0.2644,
0.3111

 10.3802, 0.2007,
0.2806

193.3643, 0.2676,
0.3124

 5.6517, 0.1794,
0.2684

236.3463, 0.2704,
0.3136

 2.6345, 0.1490,
0.2490

285.2677, 0.2729,

 0.9440, 0.0874,

0.3146

0.2185

340.5131, 0.2751,
0.3155

0.0000, 0.0000,
0.0000

54.0936, 0.2450,
0.3027

54.0936, 0.2450,
0.3027

50.6669, 0.2340,
0.2962

57.9623, 0.2575,
0.3090

47.6477, 0.2247,
0.2895

62.2922, 0.2712,
0.3149

45.0062, 0.2174,
0.2828


67.1086, 0.2858,
0.3204

42.7050, 0.2120,
0.2760

72.4333, 0.3010,
0.3254


40.6935, 0.2085,
0.2694

78.2863, 0.3164,
0.3301

 40.2365, 0.2077,
0.2678

 84.6566, 0.3318,
0.3342

 87.0558, 0.3313,
0.3383

 89.5120, 0.3308,
0.3424

 92.0257, 0.3303,
0.3465

Harmonies

Analogous

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



54.0936, 0.2600, 0.3373



54.0936, 0.2450, 0.3027



54.0936, 0.2468, 0.2783

Triad

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



54.0936, 0.2450, 0.3027



54.0936, 0.3340, 0.2912



54.0936, 0.3602, 0.3935

Complementary

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



54.0936, 0.2450, 0.3027



36.1206, 0.4319, 0.3526

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.



54.0936, 0.3826, 0.3761



54.0936, 0.2450, 0.3027



54.0936, 0.3674, 0.3179

Square

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



54.0936, 0.2450, 0.3027



54.0936, 0.2963, 0.2735



54.0936, 0.3856, 0.3483



54.0936, 0.3258, 0.3929

Rectangle

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



54.0936, 0.2450, 0.3027



54.0936, 0.2572, 0.2701



54.0936, 0.3856, 0.3483



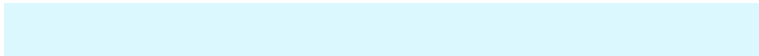
54.0936, 0.3694, 0.3894

Sweetspot

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



54.0957, 0.2450, 0.3027



89.6999, 0.2911, 0.3222



60.7296, 0.2955, 0.4518



18.8854, 0.2878, 0.3211



0.0000, 0.0000, 0.0000



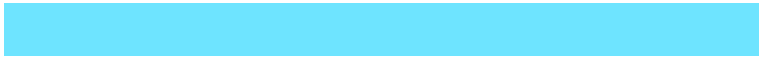
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0957, 0.2450, 0.3027



66.0419, 0.2342, 0.2964



32.3035, 0.2310, 0.2269



15.8586, 0.2981, 0.3245



23.6190, 0.2080, 0.2688



1.8634, 0.2107, 0.2785

Inverse Universe

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



34.0209, 0.3380, 0.2321



37.9422, 0.3448, 0.2152



55.7189, 0.4000, 0.4124



14.5670, 0.3166, 0.3101



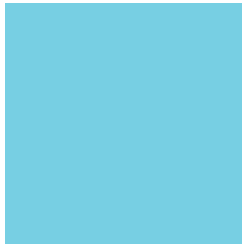
11.5821, 0.3740, 0.1834



0.8678, 0.3648, 0.1783

Previews

White Background



This preview shows how the Yxy color 54.0936, 0.2450, 0.3027 looks on a white background.

Color Contrast Check

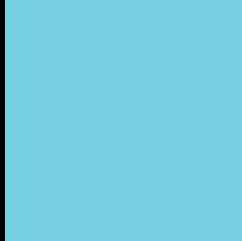
Large Text (above 18pt) WCAG AA × Fail

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 54.0936, 0.2450, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

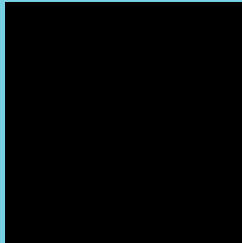
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0936, 0.2450, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 54.0936, 0.2450, 0.3027.

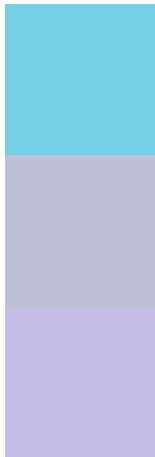


This preview shows how white text looks on a background with the Yxy color 54.0936, 0.2450, 0.3027.

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

54.0936, 0.2450, 0.3027

Protanopia

53.6562, 0.2931, 0.2989

Deuteranopia

53.6340, 0.2864, 0.2800



Tritanopia

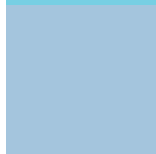
53.8590, 0.2460, 0.3065

Trichromacy



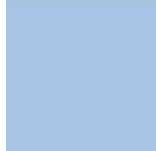
Original Color

54.0936, 0.2450, 0.3027



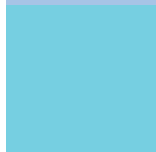
Protanomaly

53.0455, 0.2723, 0.2989



Deuteranomaly

53.4085, 0.2687, 0.2873



Tritanomaly

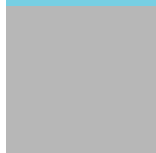
53.9134, 0.2456, 0.3052

Monochromacy



Original Color

54.0936, 0.2450, 0.3027



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.2964, 0.2831, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0936, 0.2450, 0.3027 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, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(119, 207, 227)  
}
```

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, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 207, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.0936, 0.2450, 0.3027 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, 207, 227) }
```

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

```
.border{ border-color:rgb(119, 207, 227) }
```

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

Here you see how a box with a 4 pixel rgb(119, 207, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(119, 207,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0936, 0.2450, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 207, 227) }
```

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

```
.background{ background-color: rgb(119,  
207, 227) }
```

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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