

Converting Colors

$Yxy(59.9868, 0.2506, 0.3172)$

Have a look what the booklet for
Yxy(59.9868, 0.2506, 0.3172)
contains.

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Color

Yxy(60.0488, 0.2505, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	7DDAE3
RGB	125, 218, 227
RGB Percent	49%, 85%, 89%
CMY	0.5098, 0.1451, 0.1099
CMYK	0.45, 0.04, 0.00, 0.11
HSL	185°, 65%, 69%
HSV	185°, 45%, 89%
XYZ	47.3920, 60.0488, 81.7489
YIQ	191.2190, -58.3170, -16.9170

Conversions

Conversions Part 2

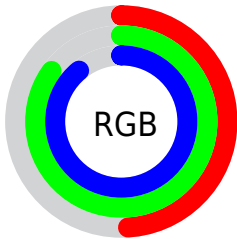
Format	Color
RYB	125, 174, 227
Decimal	8248035
CIELab	81.86, -25.35, -13.04
CIELCh	82, 28.506, 207.231
Yxy	60.0488, 0.2505, 0.3174
Android (android.graphics.Color)	4286438115 (0xFF7DDAE3)
YUV	191.2190, 17.6400, -58.0741
Hunter-Lab	77.4912, -26.4426, -8.3038

Details

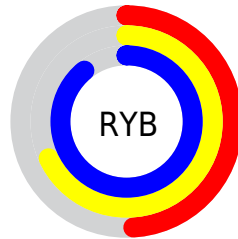
The Yxy color **60.0488, 0.2505, 0.3174** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.8538, 0.4280, 0.3398**, and the grayscale version is **52.1568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **30.3312, 0.2354, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **57.5037, 0.2402, 0.3144**, and if you desaturate by 10%, it is **63.0013, 0.2624, 0.3203**.

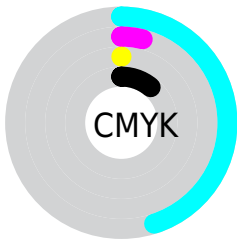
Distribution



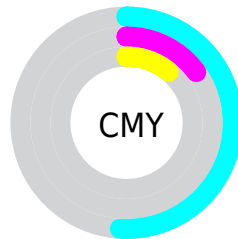
- Red (49%)
- Green (85%)
- Blue (89%)



- Red (49%)
- Yellow (68%)
- Blue (89%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (51%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0488, 0.2505, 0.3174 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 60.0488, 0.2505, 0.3174 by changing the saturation by 10% instead.


 60.0488, 0.2505,
0.3174


 60.0488, 0.2505,
0.3174


424.7776, 0.2796,
0.3237

 43.4580, 0.2438,
0.3157


 104.9005, 0.2607,
0.3198

 30.2446, 0.2355,
0.3136


 133.9301, 0.2646,
0.3206

 20.0243, 0.2250,
0.3106


 167.8747, 0.2680,
0.3213

 12.4127, 0.2112,
0.3064

207.1188, 0.2709,
0.3219

 7.0254, 0.1925,
0.3001

252.0468, 0.2735,
0.3225

 3.4780, 0.1659,
0.2896

303.0430, 0.2758,

 1.3861, 0.1230,

0.3229

0.2708

360.4918, 0.2778,
0.3233

0.2064, 0.0000,
0.1525

0.0000, 0.0000,
0.0000

60.0488, 0.2505,
0.3174

60.0488, 0.2505,
0.3174

57.5037, 0.2402,
0.3144

63.0013, 0.2624,
0.3203

55.3321, 0.2318,
0.3114

66.3787, 0.2756,
0.3230


53.5059, 0.2253,
0.3084


70.2058, 0.2900,
0.3255

51.9897, 0.2207,
0.3053


74.5033, 0.3051,
0.3279

 50.7404, 0.2179,
0.3023


 79.2909, 0.3207,
0.3301

 50.1728, 0.2169,
0.3008

 83.3925, 0.3321,
0.3320

 84.5105, 0.3318,
0.3340

 85.6413, 0.3316,
0.3360

 86.7849, 0.3314,
0.3379

Harmonies

Analogous

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



60.0488, 0.2720, 0.3530



60.0488, 0.2505, 0.3174



60.0488, 0.2448, 0.2880

Triad

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



60.0488, 0.2505, 0.3174



60.0488, 0.3171, 0.2827



60.0488, 0.3713, 0.3868

Complementary

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



60.0488, 0.2505, 0.3174



34.8538, 0.4280, 0.3398

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.



60.0488, 0.3855, 0.3641



60.0488, 0.2505, 0.3174



60.0488, 0.3534, 0.3056

Square

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



60.0488, 0.2505, 0.3174



60.0488, 0.2816, 0.2704



60.0488, 0.3790, 0.3347



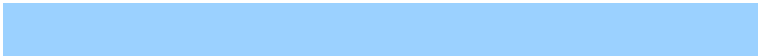
60.0488, 0.3415, 0.3948

Rectangle

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



60.0488, 0.2505, 0.3174



60.0488, 0.2503, 0.2756



60.0488, 0.3790, 0.3347



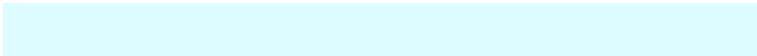
60.0488, 0.3781, 0.3805

Sweetspot

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



60.0511, 0.2505, 0.3174



92.3988, 0.2927, 0.3260



60.9944, 0.3017, 0.4579



19.5237, 0.2894, 0.3255



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.



60.0511, 0.2505, 0.3174



75.0538, 0.2408, 0.3146



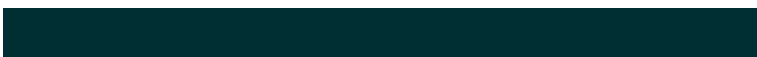
37.7255, 0.2384, 0.2482



16.1080, 0.2982, 0.3269



29.3553, 0.2170, 0.3013



2.2333, 0.2182, 0.3056

Inverse Universe

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



36.0594, 0.3264, 0.2278



40.5166, 0.3297, 0.2094



52.2938, 0.3997, 0.3973



14.5922, 0.3151, 0.3078



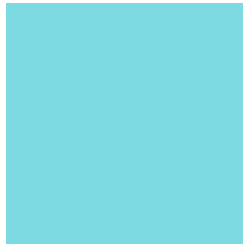
12.1611, 0.3443, 0.1670



0.9051, 0.3405, 0.1649

Previews

White Background



This preview shows how the Yxy color 60.0488, 0.2505, 0.3174 looks on a white background.

Color Contrast Check

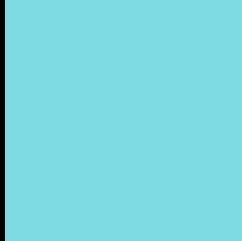
Large Text (above 18pt) WCAG AA × Fail

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 60.0488, 0.2505, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

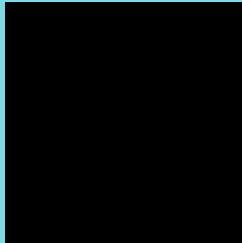
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0488, 0.2505, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 60.0488, 0.2505, 0.3174.

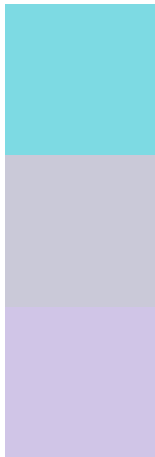


This preview shows how white text looks on a background with the Yxy color 60.0488, 0.2505, 0.3174.

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

60.0488, 0.2505, 0.3174

Protanopia

59.2877, 0.3029, 0.3116

Deuteranopia

59.1119, 0.2970, 0.2907



Tritanopia

60.0782, 0.2478, 0.3075

Trichromacy



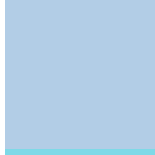
Original Color

60.0488, 0.2505, 0.3174



Protanomaly

58.7916, 0.2806, 0.3131



Deuteranomaly

58.8408, 0.2770, 0.2992



Tritanomaly

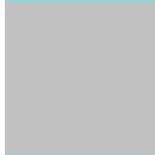
59.8308, 0.2488, 0.3111

Monochromacy



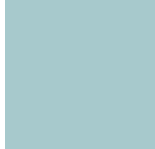
Original Color

60.0488, 0.2505, 0.3174



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.3484, 0.2855, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0488, 0.2505, 0.3174 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(125, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(125, 218, 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(125, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.0488, 0.2505, 0.3174 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(125, 218, 227) }
```

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

```
.border{ border-color:rgb(125, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(125, 218,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0488, 0.2505, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 218, 227) }
```

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

```
.background{ background-color: rgb(125,  
218, 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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