

Converting Colors

$Yxy(60.6744, 0.2592, 0.3460)$

Have a look what the booklet for
Yxy(60.6744, 0.2592, 0.3460)
contains.

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Color

Yxy(60.4045, 0.2592, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	7ADDD0
RGB	122, 221, 208
RGB Percent	48%, 87%, 82%
CMY	0.5218, 0.1333, 0.1842
CMYK	0.45, 0.00, 0.06, 0.13
HSL	172°, 59%, 67%
HSV	172°, 45%, 87%
XYZ	45.2641, 60.4045, 68.9614
YIQ	189.9170, -54.8310, -25.0310

Conversions

Conversions Part 2

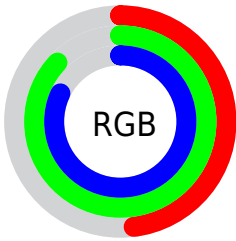
Format	Color
RYB	122, 175, 221
Decimal	8052176
CIELab	82.06, -32.20, -2.69
CIELCh	82, 32.315, 184.777
Yxy	60.4045, 0.2592, 0.3459
Android (android.graphics.Color)	4286242256 (0xFF7ADDD0)
YUV	189.9170, 8.9149, -59.5632
Hunter-Lab	77.7203, -32.0527, 1.7961

Details

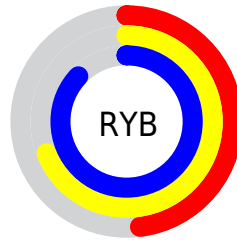
The Yxy color **60.4045, 0.2592, 0.3459** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.0281, 0.4161, 0.3138**, and the grayscale version is **51.4089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **30.3001, 0.2454, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **58.8323, 0.2509, 0.3503**, and if you desaturate by 10%, it is **62.3508, 0.2692, 0.3417**.

Distribution



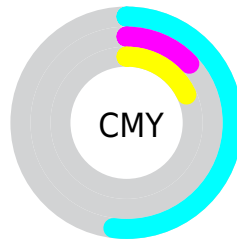
- Red (48%)
- Green (87%)
- Blue (82%)



- Red (48%)
- Yellow (69%)
- Blue (87%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (52%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4045, 0.2592, 0.3459 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 60.4045, 0.2592, 0.3459 by changing the saturation by 10% instead.


 60.4045, 0.2592,
0.3459


 60.4045, 0.2592,
0.3459


426.0871, 0.2845,
0.3381

 43.7448, 0.2533,
0.3477


 105.4162, 0.2681,
0.3432

 30.4699, 0.2459,
0.3499


 134.5370, 0.2715,
0.3421

 20.1955, 0.2364,
0.3526


 168.5802, 0.2745,
0.3412

 12.5373, 0.2239,
0.3562

207.9303, 0.2770,
0.3404

 7.1107, 0.2066,
0.3609

252.9717, 0.2793,
0.3397

 3.5314, 0.1813,
0.3674

304.0886, 0.2812,

 1.4151, 0.1301,

0.3391

361.6657, 0.2830,
0.3386

0.3814

0.2278, 0.0000,
0.3431

0.0000, 0.0000,
0.0000

60.4045, 0.2592,
0.3459

60.4045, 0.2592,
0.3459

58.8323, 0.2509,
0.3503

62.3508, 0.2692,
0.3417

57.6019, 0.2444,
0.3549

64.6869, 0.2805,
0.3377

56.6872, 0.2398,
0.3595


67.4363, 0.2929,
0.3340

56.0554, 0.2372,
0.3641

70.6182, 0.3061,
0.3305

 55.6661, 0.2364,
0.3687

 74.2512, 0.3199,
0.3274

 55.5250, 0.2364,
0.3710

 78.3522, 0.3339,
0.3247

 78.5961, 0.3322,
0.3218

 78.7587, 0.3302,
0.3189

 78.9240, 0.3282,
0.3161

Harmonies

Analogous

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



60.4045, 0.2937, 0.3831



60.4045, 0.2592, 0.3459



60.4045, 0.2394, 0.3060

Triad

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



60.4045, 0.2592, 0.3459



60.4045, 0.2868, 0.2655



60.4045, 0.3930, 0.3756

Complementary

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



60.4045, 0.2592, 0.3459



31.0281, 0.4161, 0.3138

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.



60.4045, 0.3919, 0.3435



60.4045, 0.2592, 0.3459



60.4045, 0.3283, 0.2826

Square

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



60.4045, 0.2592, 0.3459



60.4045, 0.2545, 0.2628



60.4045, 0.3676, 0.3103



60.4045, 0.3715, 0.3984

Rectangle

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



60.4045, 0.2592, 0.3459



60.4045, 0.2363, 0.2847



60.4045, 0.3676, 0.3103



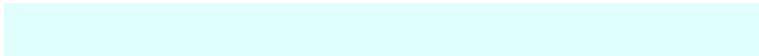
60.4045, 0.3954, 0.3655

Sweetspot

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



60.4069, 0.2592, 0.3459



93.9691, 0.2951, 0.3333



58.2857, 0.3145, 0.4654



19.9164, 0.2923, 0.3341



0.0000, 0.0000, 0.0000



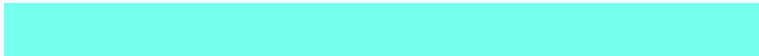
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4069, 0.2592, 0.3459



81.4340, 0.2512, 0.3502



43.9223, 0.2441, 0.2795



14.7987, 0.3000, 0.3321



32.2643, 0.2362, 0.3703



2.0986, 0.2341, 0.3629

Inverse Universe

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



31.0281, 0.4161, 0.3138



35.8118, 0.4522, 0.3112



41.3242, 0.4112, 0.3726



13.0792, 0.3271, 0.3260



8.9907, 0.6224, 0.3202



0.5917, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 60.4045, 0.2592, 0.3459 looks on a white background.

Color Contrast Check

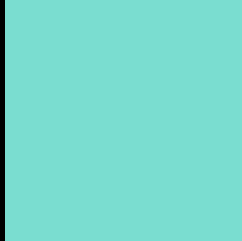
Large Text (above 18pt) WCAG AA × Fail

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 60.4045, 0.2592, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

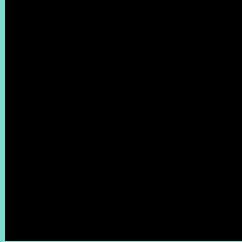
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

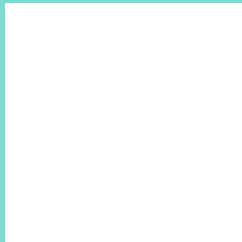
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4045, 0.2592, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 60.4045, 0.2592, 0.3459.

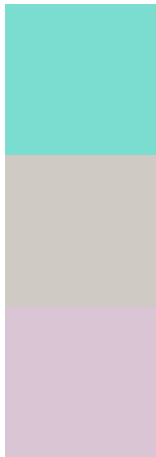


This preview shows how white text looks on a background with the Yxy color 60.4045, 0.2592, 0.3459.

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

60.4045, 0.2592, 0.3459

Protanopia

59.6822, 0.3210, 0.3349

Deuteranopia

59.6420, 0.3175, 0.3110



Tritanopia

60.3697, 0.2487, 0.3064

Trichromacy



Original Color

60.4045, 0.2592, 0.3459



Protanomaly

59.1651, 0.2948, 0.3389



Deuteranomaly

58.9130, 0.2924, 0.3229



Tritanomaly

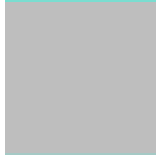
60.0911, 0.2524, 0.3199

Monochromacy



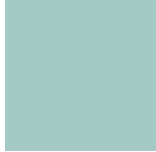
Original Color

60.4045, 0.2592, 0.3459



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.8038, 0.2886, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4045, 0.2592, 0.3459 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(122, 221, 208)` looks like.

```
.text, #text, p{  
    color:rgb(122, 221, 208)  
}
```

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(122, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 221, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.4045, 0.2592, 0.3459 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(122, 221, 208) }
```

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

```
.border{ border-color:rgb(122, 221, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 221, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(122, 221,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4045, 0.2592, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 221, 208) }
```

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

```
.background{ background-color: rgb(122,  
221, 208) }
```

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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