

Converting Colors

$Yxy(60.1112, 0.2540, 0.3407)$

Have a look what the booklet for
Yxy(60.1112, 0.2540, 0.3407)
contains.

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Color

Yxy(60.1112, 0.2540, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	73DDD4
RGB	115, 221, 212
RGB Percent	45%, 87%, 83%
CMY	0.5487, 0.1333, 0.1687
CMYK	0.48, 0.00, 0.04, 0.13
HSL	175°, 61%, 66%
HSV	175°, 48%, 87%
XYZ	44.8143, 60.1112, 71.5089
YIQ	188.2800, -60.2870, -25.2710

Conversions

Conversions Part 2

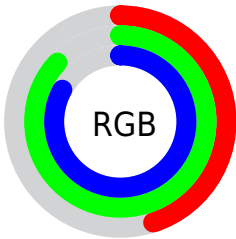
Format	Color
R _{YB}	115, 170, 221
Decimal	7593428
CIE _{Lab}	81.90, -32.82, -5.05
CIE _{LCh}	82, 33.203, 188.757
Y _{xy}	60.1112, 0.2540, 0.3407
Android (android.graphics.Color)	4285783508 (0xFF73DDD4)
YUV	188.2800, 11.6940, -64.2666
Hunter-Lab	77.5314, -32.5043, -0.4124

Details

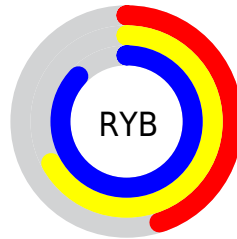
The Yxy color **60.1112, 0.2540, 0.3407** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.1081, 0.4335, 0.3187**, and the grayscale version is **50.4250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **30.1015, 0.2395, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **58.6950, 0.2459, 0.3435**, and if you desaturate by 10%, it is **61.8924, 0.2639, 0.3380**.

Distribution



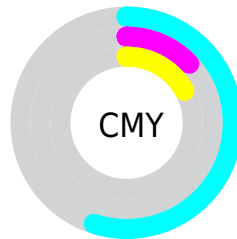
- Red (45%)
- Green (87%)
- Blue (83%)



- Red (45%)
- Yellow (67%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)





- Cyan (55%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1112, 0.2540, 0.3407 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 60.1112, 0.2540, 0.3407 by changing the saturation by 10% instead.

 60.1112, 0.2540,
0.3407


 60.1112, 0.2540,
0.3407


425.0075, 0.2817,
0.3356


 43.5083, 0.2476,
0.3418


 104.9910, 0.2637,
0.3390

 30.2841, 0.2395,
0.3431


 134.0366, 0.2675,
0.3383

 20.0543, 0.2293,
0.3447


 167.9986, 0.2707,
0.3377

 12.4346, 0.2158,
0.3466

207.2613, 0.2735,
0.3372

 7.0404, 0.1973,
0.3488

252.2091, 0.2759,
0.3367

 3.4873, 0.1704,
0.3513

303.2265, 0.2781,

 1.3911, 0.1160,

0.3363

360.6979, 0.2800,
0.3359

0.3580

0.2102, 0.0000,
0.2652

0.0000, 0.0000,
0.0000

60.1112, 0.2540,
0.3407

60.1112, 0.2540,
0.3407

58.6950, 0.2459,
0.3435

61.8924, 0.2639,
0.3380

57.6107, 0.2397,
0.3464


64.0549, 0.2752,
0.3354

56.8309, 0.2354,
0.3494


66.6228, 0.2879,
0.3329


56.3210, 0.2330,
0.3523


69.6158, 0.3014,
0.3307


 56.0318, 0.2322,
0.3551

 73.0526, 0.3157,
0.3286

 55.9838, 0.2322,
0.3557

 76.9507, 0.3304,
0.3267

 78.4161, 0.3344,
0.3249

 78.5196, 0.3331,
0.3230

 78.6242, 0.3318,
0.3212

Harmonies

Analogous

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



60.1112, 0.2877, 0.3804



60.1112, 0.2540, 0.3407



60.1112, 0.2361, 0.3004

Triad

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



60.1112, 0.2540, 0.3407



60.1112, 0.2913, 0.2653



60.1112, 0.3936, 0.3806

Complementary

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



60.1112, 0.2540, 0.3407



29.1081, 0.4335, 0.3187

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.



60.1112, 0.3959, 0.3484



60.1112, 0.2540, 0.3407



60.1112, 0.3345, 0.2846

Square

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



60.1112, 0.2540, 0.3407



60.1112, 0.2565, 0.2604



60.1112, 0.3737, 0.3141



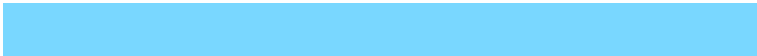
60.1112, 0.3688, 0.4023

Rectangle

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



60.1112, 0.2540, 0.3407



60.1112, 0.2347, 0.2798



60.1112, 0.3737, 0.3141



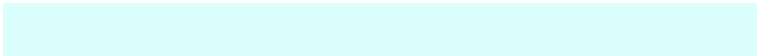
60.1112, 0.3972, 0.3706

Sweetspot

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



60.1136, 0.2540, 0.3407



93.6523, 0.2929, 0.3320



57.3614, 0.3120, 0.4772



19.8591, 0.2900, 0.3325



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.



60.1136, 0.2540, 0.3407



81.0868, 0.2455, 0.3437



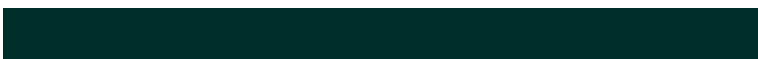
40.9617, 0.2387, 0.2703



14.8094, 0.2994, 0.3310



32.5310, 0.2320, 0.3553



2.1133, 0.2307, 0.3506

Inverse Universe

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



29.1081, 0.4335, 0.3187



33.1451, 0.4775, 0.3173



40.8758, 0.4184, 0.3796



13.0694, 0.3278, 0.3270



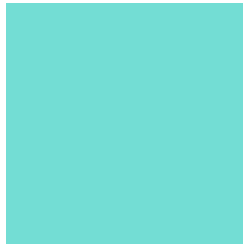
8.9638, 0.6301, 0.3245



0.5871, 0.6032, 0.3096

Previews

White Background



This preview shows how the Yxy color 60.1112, 0.2540, 0.3407 looks on a white background.

Color Contrast Check

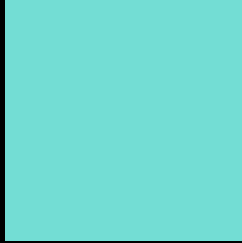
Large Text (above 18pt) WCAG AA × Fail

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 60.1112, 0.2540, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

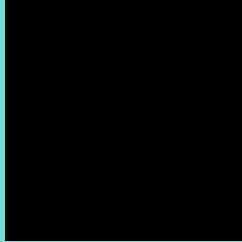
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

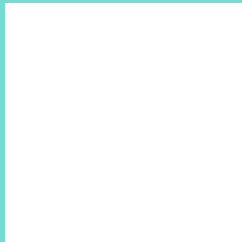
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1112, 0.2540, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 60.1112, 0.2540, 0.3407.

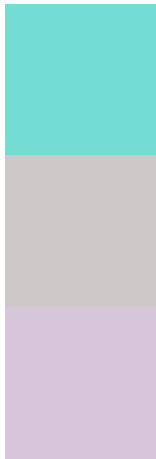


This preview shows how white text looks on a background with the Yxy color 60.1112, 0.2540, 0.3407.

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

60.1112, 0.2540, 0.3407

Protanopia

59.1121, 0.3166, 0.3290

Deuteranopia

59.3893, 0.3122, 0.3064



Tritanopia

60.2785, 0.2453, 0.3074

Trichromacy



Original Color

60.1112, 0.2540, 0.3407



Protanomaly

58.4038, 0.2894, 0.3327



Deuteranomaly

58.6326, 0.2871, 0.3180



Tritanomaly

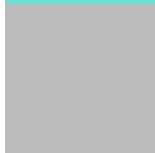
60.1310, 0.2480, 0.3186

Monochromacy



Original Color

60.1112, 0.2540, 0.3407



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.9168, 0.2857, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1112, 0.2540, 0.3407 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(115, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(115, 221, 212)  
}
```

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(115, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 221, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.1112, 0.2540, 0.3407 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(115, 221, 212) }
```

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

```
.border{ border-color:rgb(115, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(115, 221,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1112, 0.2540, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 221, 212) }
```

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

```
.background{ background-color: rgb(115,  
221, 212) }
```

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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