

Converting Colors

$Y_{xy}(60.7279, 0.2599, 0.3329)$

Have a look what the booklet for
Yxy(60.7279, 0.2599, 0.3329)
contains.

Yxy(60.5264, 0.2597, 0.3327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.5264, 0.2597, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	84DBD8
RGB	132, 219, 216
RGB Percent	52%, 86%, 85%
CMY	0.4822, 0.1412, 0.1530
CMYK	0.40, 0.00, 0.01, 0.14
HSL	178°, 55%, 69%
HSV	178°, 40%, 86%
XYZ	47.2459, 60.5264, 74.1526
YIQ	192.6450, -50.8890, -19.3770

Conversions

Conversions Part 2

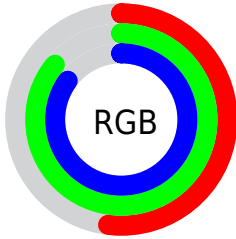
Format	Color
RYB	132, 176, 219
Decimal	8707032
CIELab	82.12, -26.87, -6.78
CIELCh	82, 27.713, 194.169
Yxy	60.5264, 0.2597, 0.3327
Android (android.graphics.Color)	4286897112 (0xFF84DBD8)
YUV	192.6450, 11.5140, -53.1857
Hunter-Lab	77.7987, -27.7476, -2.0522

Details

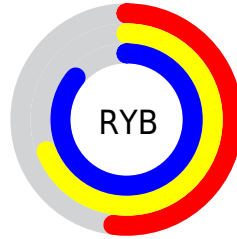
The Yxy color **60.5264, 0.2597, 0.3327** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.3254, 0.4089, 0.3256**, and the grayscale version is **53.0695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **30.6200, 0.2467, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **58.9049, 0.2498, 0.3338**, and if you desaturate by 10%, it is **62.5235, 0.2713, 0.3317**.

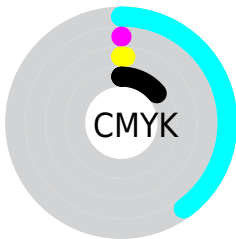
Distribution



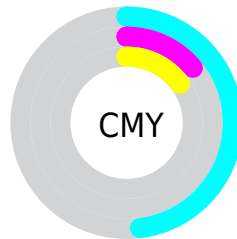
- Red (52%)
- Green (86%)
- Blue (85%)



- Red (52%)
- Yellow (69%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)




- Cyan (48%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5264, 0.2597, 0.3327 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 60.5264, 0.2597, 0.3327 by changing the saturation by 10% instead.

 60.5264, 0.2597,
0.3327


 60.5264, 0.2597,
0.3327


426.5354, 0.2847,
0.3314


 43.8431, 0.2539,
0.3329


 105.5929, 0.2685,
0.3323

 30.5472, 0.2467,
0.3331


 134.7449, 0.2718,
0.3322

 20.2543, 0.2375,
0.3332

 168.8218, 0.2747,
0.3320

 12.5800, 0.2253,
0.3332

208.2082, 0.2772,
0.3319

 7.1400, 0.2086,
0.3328

253.2883, 0.2795,
0.3317

 3.5498, 0.1843,
0.3313

304.4466, 0.2814,

 1.4251, 0.1427,

0.3316

0.3281

362.0675, 0.2831,
0.3315

0.2351, 0.0000,
0.2435

0.0000, 0.0000,
0.0000

60.5264, 0.2597,
0.3327

60.5264, 0.2597,
0.3327

58.9049, 0.2498,
0.3338

62.5235, 0.2713,
0.3317

57.6284, 0.2416,
0.3349

64.9103, 0.2842,
0.3307

56.6732, 0.2354,
0.3360

67.7090, 0.2983,
0.3298

56.0098, 0.2311,
0.3372

70.9379, 0.3132,
0.3290

■ 55.6029, 0.2287,
0.3383

■ 74.6144, 0.3285,
0.3282

■ 55.3921, 0.2277,
0.3394

■ 77.1177, 0.3379,
0.3275

■ 55.3868, 0.2276,
0.3394

■ 77.1581, 0.3374,
0.3268

■ 77.1986, 0.3368,
0.3260

■ 77.2393, 0.3363,
0.3252

Harmonies

Analogous

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



60.5264, 0.2863, 0.3662



60.5264, 0.2597, 0.3327



60.5264, 0.2472, 0.3004

Triad

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



60.5264, 0.2597, 0.3327



60.5264, 0.3013, 0.2773



60.5264, 0.3778, 0.3769

Complementary

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



60.5264, 0.2597, 0.3327



33.3254, 0.4089, 0.3256

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.



60.5264, 0.3831, 0.3511



60.5264, 0.2597, 0.3327



60.5264, 0.3375, 0.2956

Square

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



60.5264, 0.2597, 0.3327



60.5264, 0.2701, 0.2709



60.5264, 0.3681, 0.3219



60.5264, 0.3546, 0.3916

Rectangle

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



60.5264, 0.2597, 0.3327



60.5264, 0.2478, 0.2844



60.5264, 0.3681, 0.3219



60.5264, 0.3818, 0.3691

Sweetspot

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



60.5288, 0.2597, 0.3327



94.5834, 0.2948, 0.3300



57.5965, 0.3098, 0.4493



20.1301, 0.2930, 0.3301



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.



60.5288, 0.2597, 0.3327



83.4246, 0.2509, 0.3336



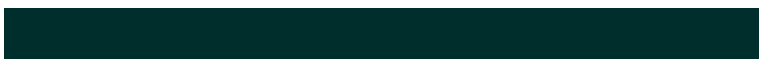
42.6135, 0.2500, 0.2760



14.8214, 0.2987, 0.3298



32.8459, 0.2276, 0.3393



2.1304, 0.2271, 0.3374

Inverse Universe

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



33.3254, 0.4089, 0.3256



39.7270, 0.4424, 0.3250



45.9187, 0.3930, 0.3761



13.0588, 0.3286, 0.3282



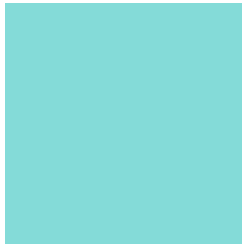
8.9430, 0.6361, 0.3278



0.5820, 0.6244, 0.3213

Previews

White Background



This preview shows how the Yxy color 60.5264, 0.2597, 0.3327 looks on a white background.

Color Contrast Check

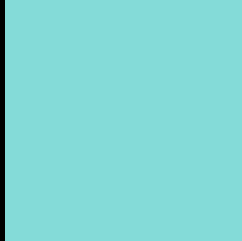
Large Text (above 18pt) WCAG AA × Fail

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 60.5264, 0.2597, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

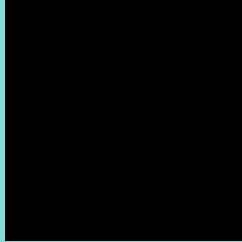
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

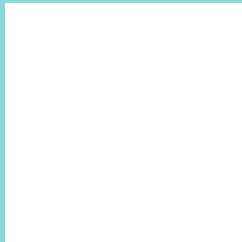
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5264, 0.2597, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 60.5264, 0.2597, 0.3327.

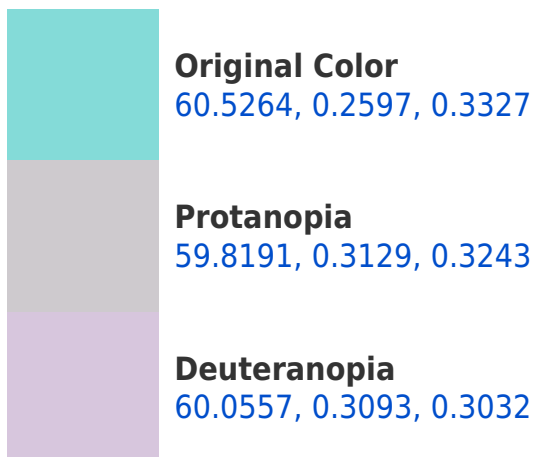


This preview shows how white text looks on a background with the Yxy color 60.5264, 0.2597, 0.3327.

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





Tritanopia

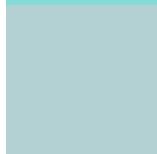
60.3706, 0.2524, 0.3065

Trichromacy



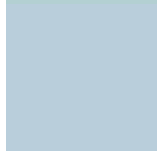
Original Color

60.5264, 0.2597, 0.3327



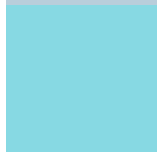
Protanomaly

59.3486, 0.2904, 0.3265



Deuteranomaly

59.5714, 0.2887, 0.3134



Tritanomaly

60.3227, 0.2552, 0.3162

Monochromacy



Original Color

60.5264, 0.2597, 0.3327



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.1160, 0.2903, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5264, 0.2597, 0.3327 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(132, 219, 216)` looks like.

```
.text, #text, p{  
    color:rgb(132, 219, 216)  
}
```

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(132, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 219, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.5264, 0.2597, 0.3327 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(132, 219, 216) }
```

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

```
.border{ border-color:rgb(132, 219, 216) }
```

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

Here you see how a box with a 4 pixel rgb(132, 219, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(132, 219,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5264, 0.2597, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 219, 216) }
```

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

```
.background{ background-color: rgb(132,  
219, 216) }
```

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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