

Converting Colors

$Yxy(60.7765, 0.2549, 0.3407)$

Have a look what the booklet for
Yxy(60.7765, 0.2549, 0.3407)
contains.

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Color

Yxy(60.8982, 0.2550, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	76DED5
RGB	118, 222, 213
RGB Percent	46%, 87%, 84%
CMY	0.5376, 0.1293, 0.1647
CMYK	0.47, 0.00, 0.04, 0.13
HSL	175°, 61%, 67%
HSV	175°, 47%, 87%
XYZ	45.5932, 60.8982, 72.3054
YIQ	189.8780, -59.0950, -24.8470

Conversions

Conversions Part 2

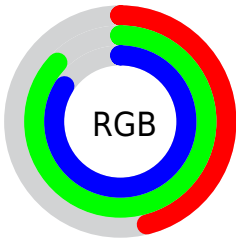
Format	Color
RYB	118, 172, 222
Decimal	7790293
CIELab	82.32, -32.41, -4.96
CIELCh	82, 32.786, 188.709
Yxy	60.8982, 0.2550, 0.3406
Android (android.graphics.Color)	4285980373 (0xFF76DED5)
YUV	189.8780, 11.3991, -63.0370
Hunter-Lab	78.0373, -32.2769, -0.3090

Details

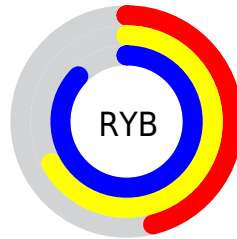
The Yxy color **60.8982, 0.2550, 0.3406** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.9967, 0.4294, 0.3187**, and the grayscale version is **51.3658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **30.6109, 0.2409, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **59.4294, 0.2467, 0.3435**, and if you desaturate by 10%, it is **62.7386, 0.2650, 0.3378**.

Distribution



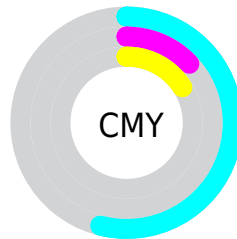
- Red (46%)
- Green (87%)
- Blue (84%)



- Red (46%)
- Yellow (67%)
- Blue (87%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)





- Cyan (54%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8982, 0.2550, 0.3406 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 60.8982, 0.2550, 0.3406 by changing the saturation by 10% instead.


 60.8982, 0.2550,
0.3406


 60.8982, 0.2550,
0.3406


427.9006, 0.2822,
0.3355


 44.1430, 0.2487,
0.3417


 106.1315, 0.2645,
0.3389

 30.7830, 0.2408,
0.3430


 135.3785, 0.2682,
0.3382

 20.4336, 0.2308,
0.3446


 169.5581, 0.2714,
0.3376

 12.7106, 0.2177,
0.3464

209.0548, 0.2741,
0.3371

 7.2296, 0.1996,
0.3487

254.2531, 0.2765,
0.3366

 3.6061, 0.1734,
0.3513

305.5372, 0.2786,

 1.4558, 0.1239,

0.3362

0.3567

363.2916, 0.2805,
0.3358

0.2573, 0.0000,
0.2909

0.0000, 0.0000,
0.0000

60.8982, 0.2550,
0.3406

60.8982, 0.2550,
0.3406

59.4294, 0.2467,
0.3435

62.7386, 0.2650,
0.3378

58.2990, 0.2403,
0.3464

64.9669, 0.2765,
0.3352


57.4797, 0.2358,
0.3494


67.6071, 0.2892,
0.3327


56.9372, 0.2333,
0.3523

70.6792, 0.3029,
0.3305


 56.6266, 0.2324,
0.3553


 74.2019, 0.3172,
0.3284

 56.5537, 0.2323,
0.3562

 78.1927, 0.3319,
0.3265

 79.0273, 0.3334,
0.3246

 79.1337, 0.3320,
0.3227

 79.2413, 0.3307,
0.3208

Harmonies

Analogous

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



60.8982, 0.2882, 0.3796



60.8982, 0.2550, 0.3406



60.8982, 0.2374, 0.3010

Triad

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



60.8982, 0.2550, 0.3406



60.8982, 0.2917, 0.2663



60.8982, 0.3923, 0.3798

Complementary

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



60.8982, 0.2550, 0.3406



29.9967, 0.4294, 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.



60.8982, 0.3945, 0.3481



60.8982, 0.2550, 0.3406



60.8982, 0.3341, 0.2852

Square

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



60.8982, 0.2550, 0.3406



60.8982, 0.2574, 0.2615



60.8982, 0.3727, 0.3143



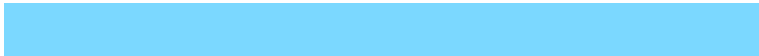
60.8982, 0.3679, 0.4010

Rectangle

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



60.8982, 0.2550, 0.3406



60.8982, 0.2359, 0.2806



60.8982, 0.3727, 0.3143



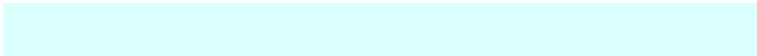
60.8982, 0.3957, 0.3700

Sweetspot

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



60.9006, 0.2550, 0.3406



93.6492, 0.2930, 0.3321



58.1708, 0.3121, 0.4736



19.8584, 0.2901, 0.3326



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.



60.9006, 0.2550, 0.3406



81.4273, 0.2471, 0.3433



41.9125, 0.2402, 0.2718



15.5508, 0.2993, 0.3310



33.5945, 0.2322, 0.3557



2.3347, 0.2309, 0.3512

Inverse Universe

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



29.9967, 0.4294, 0.3187



34.3619, 0.4684, 0.3173



41.8236, 0.4154, 0.3786



13.7197, 0.3278, 0.3270



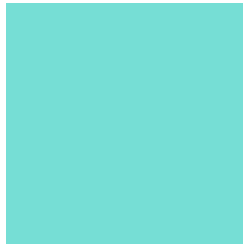
9.2594, 0.6300, 0.3244



0.6486, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 60.8982, 0.2550, 0.3406 looks on a white background.

Color Contrast Check

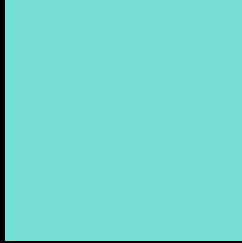
Large Text (above 18pt) WCAG AA × Fail

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 60.8982, 0.2550, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

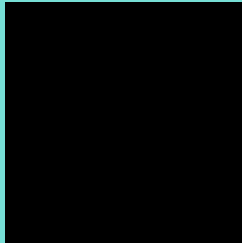
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

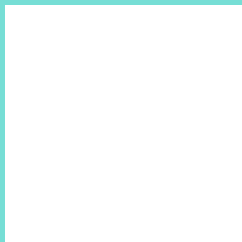
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8982, 0.2550, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 60.8982, 0.2550, 0.3406.

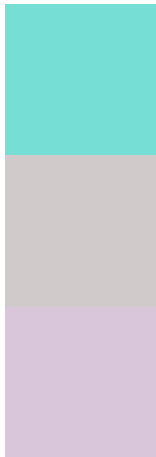


This preview shows how white text looks on a background with the Yxy color 60.8982, 0.2550, 0.3406.

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

60.8982, 0.2550, 0.3406

Protanopia

60.3860, 0.3173, 0.3302

Deuteranopia

60.2018, 0.3130, 0.3066



Tritanopia

61.0791, 0.2464, 0.3076

Trichromacy



Original Color

60.8982, 0.2550, 0.3406



Protanomaly

59.6634, 0.2902, 0.3339



Deuteranomaly

59.4073, 0.2879, 0.3181



Tritanomaly

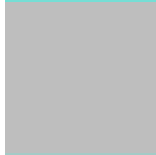
60.9254, 0.2491, 0.3187

Monochromacy



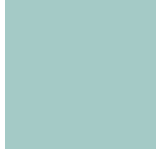
Original Color

60.8982, 0.2550, 0.3406



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.2108, 0.2873, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8982, 0.2550, 0.3406 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(118, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(118, 222, 213)  
}
```

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(118, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 60.8982, 0.2550, 0.3406 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(118, 222, 213) }
```

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

```
.border{ border-color:rgb(118, 222, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(118, 222,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8982, 0.2550, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 222, 213) }
```

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

```
.background{ background-color: rgb(118,  
222, 213) }
```

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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