

Converting Colors

$Yxy(65.0576, 0.2482, 0.3523)$

Have a look what the booklet for
Yxy(65.0576, 0.2482, 0.3523)
contains.

Yxy(65.0551, 0.2482, 0.3523)	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(65.0551, 0.2482, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	60E8D6
RGB	96, 232, 214
RGB Percent	38%, 91%, 84%
CMY	0.6229, 0.0902, 0.1607
CMYK	0.59, 0.00, 0.08, 0.09
HSL	172°, 75%, 64%
HSV	172°, 59%, 91%
XYZ	45.8322, 65.0551, 73.7710
YIQ	189.2840, -75.2780, -34.4300

Conversions

Conversions Part 2

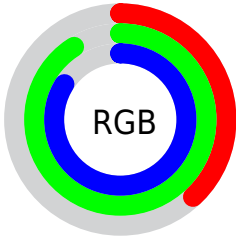
Format	Color
RYB	96, 169, 232
Decimal	6351062
CIELab	84.51, -41.16, -2.36
CIElCh	85, 41.224, 183.286
Yxy	65.0551, 0.2482, 0.3523
Android (android.graphics.Color)	4284541142 (0xFF60E8D6)
YUV	189.2840, 12.1850, -81.8101
Hunter-Lab	80.6567, -39.7189, 2.2314

Details

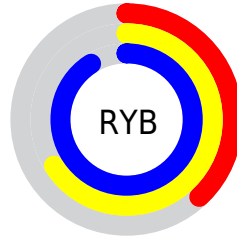
The Yxy color **65.0551, 0.2482, 0.3523** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **26.7672, 0.4696, 0.3103**, and the grayscale version is **51.0468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0091, 0.2596, 0.3288**, and **33.5539, 0.2331, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **63.8217, 0.2424, 0.3569**, and if you desaturate by 10%, it is **66.6679, 0.2558, 0.3478**.

Distribution



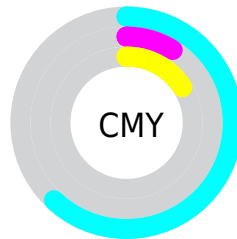
- Red (38%)
- Green (91%)
- Blue (84%)



- Red (38%)
- Yellow (66%)
- Blue (91%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)





- Cyan (62%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0551, 0.2482, 0.3523 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 65.0551, 0.2482, 0.3523 by changing the saturation by 10% instead.

 65.0551, 0.2482,
0.3523


 65.0551, 0.2482,
0.3523


442.9899, 0.2783,
0.3416

 47.5058, 0.2413,
0.3547


 112.1291, 0.2587,
0.3486


 33.4357, 0.2328,
0.3576


 142.4225, 0.2627,
0.3472

 22.4604, 0.2219,
0.3613

 177.7327, 0.2662,
0.3460

 14.1956, 0.2078,
0.3660

 218.4442, 0.2693,
0.3449

 8.2568, 0.1887,
0.3722

264.9412, 0.2719,
0.3439

 4.2597, 0.1615,
0.3806

317.6083, 0.2743,

 1.8199, 0.1135,

0.3431

376.8297, 0.2764,
0.3423

0.3954

0.4995, 0.0000,
0.4133

0.0000, 0.0000,
0.0000

65.0551, 0.2482,
0.3523

65.0551, 0.2482,
0.3523

63.8217, 0.2424,
0.3569

66.6679, 0.2558,
0.3478

62.9263, 0.2387,
0.3616


68.6821, 0.2652,
0.3434


62.3318, 0.2368,
0.3663

71.1269, 0.2761,
0.3393


61.9798, 0.2365,
0.3709

74.0266, 0.2881,
0.3354


 61.9370, 0.2366,
0.3716

 77.4038, 0.3011,
0.3318

 81.2796, 0.3147,
0.3285

 84.9932, 0.3262,
0.3256

 85.1726, 0.3242,
0.3226

 85.3551, 0.3222,
0.3196

Harmonies

Analogous

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



65.0551, 0.2908, 0.3994



65.0551, 0.2482, 0.3523



65.0551, 0.2236, 0.3017

Triad

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



65.0551, 0.2482, 0.3523



65.0551, 0.2780, 0.2510



65.0551, 0.4130, 0.3832

Complementary

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



65.0551, 0.2482, 0.3523



26.7672, 0.4696, 0.3103

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.



65.0551, 0.4107, 0.3435



65.0551, 0.2482, 0.3523



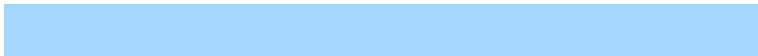
65.0551, 0.3289, 0.2709

Square

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



65.0551, 0.2482, 0.3523



65.0551, 0.2398, 0.2482



65.0551, 0.3790, 0.3037



65.0551, 0.3867, 0.4136

Rectangle

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



65.0551, 0.2482, 0.3523



65.0551, 0.2193, 0.2751



65.0551, 0.3790, 0.3037



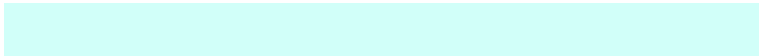
65.0551, 0.4157, 0.3705

Sweetspot

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



65.0576, 0.2482, 0.3523



91.9249, 0.2887, 0.3352



62.1493, 0.3131, 0.5128



19.4362, 0.2851, 0.3363



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.



65.0576, 0.2482, 0.3523



78.8684, 0.2416, 0.3578



41.8529, 0.2253, 0.2607



16.3019, 0.2999, 0.3321



34.4029, 0.2363, 0.3708



2.5514, 0.2345, 0.3641

Inverse Universe

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



26.7672, 0.4696, 0.3103



27.4204, 0.5215, 0.3097



38.5483, 0.4551, 0.3841



14.3989, 0.3272, 0.3259



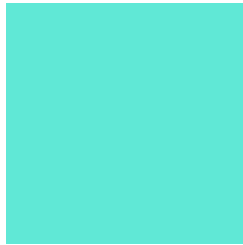
9.5886, 0.6225, 0.3203



0.7186, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 65.0551, 0.2482, 0.3523 looks on a white background.

Color Contrast Check

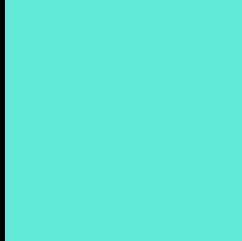
Large Text (above 18pt) WCAG AA × Fail

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 65.0551, 0.2482, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

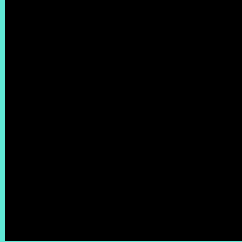
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

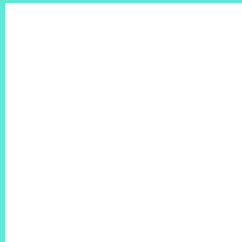
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0551, 0.2482, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 65.0551, 0.2482, 0.3523.

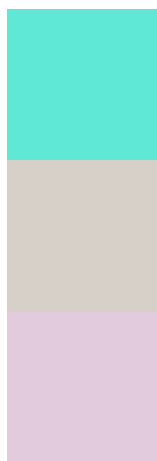


This preview shows how white text looks on a background with the Yxy color 65.0551, 0.2482, 0.3523.

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

65.0551, 0.2482, 0.3523

Protanopia

63.7759, 0.3230, 0.3370

Deuteranopia

63.8867, 0.3174, 0.3104



Tritanopia

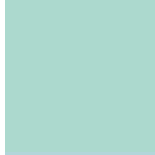
64.7801, 0.2371, 0.3054

Trichromacy



Original Color

65.0551, 0.2482, 0.3523



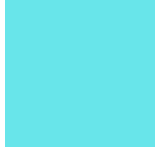
Protanomaly

62.8526, 0.2886, 0.3424



Deuteranomaly

62.6201, 0.2850, 0.3241



Tritanomaly

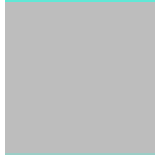
64.9222, 0.2413, 0.3225

Monochromacy



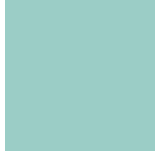
Original Color

65.0551, 0.2482, 0.3523



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

54.7084, 0.2814, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0551, 0.2482, 0.3523 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(96, 232, 214)` looks like.

```
.text, #text, p{  
    color:rgb(96, 232, 214)  
}
```

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(96, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 232, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.0551, 0.2482, 0.3523 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(96, 232, 214) }
```

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

```
.border{ border-color:rgb(96, 232, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(96, 232,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0551, 0.2482, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 232, 214) }
```

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

```
.background{ background-color: rgb(96, 232,  
214) }
```

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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