

Converting Colors

$Yxy(61.2042, 0.2528, 0.3430)$

Have a look what the booklet for
Yxy(61.2042, 0.2528, 0.3430)
contains.

Yxy(61.0242, 0.2526, 0.3420)	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(61.0242, 0.2526, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	70DFD5
RGB	112, 223, 213
RGB Percent	44%, 87%, 84%
CMY	0.5610, 0.1254, 0.1648
CMYK	0.50, 0.00, 0.05, 0.13
HSL	175°, 63%, 66%
HSV	175°, 50%, 87%
XYZ	45.0723, 61.0242, 72.3369
YIQ	188.6710, -62.9460, -26.6420

Conversions

Conversions Part 2

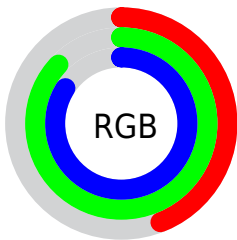
Format	Color
RYB	112, 170, 223
Decimal	7397333
CIELab	82.39, -34.20, -4.87
CIELCh	82, 34.541, 188.110
Yxy	61.0242, 0.2526, 0.3420
Android (android.graphics.Color)	4285587413 (0xFF70DFD5)
YUV	188.6710, 11.9942, -67.2405
Hunter-Lab	78.1180, -33.7161, -0.2197

Details

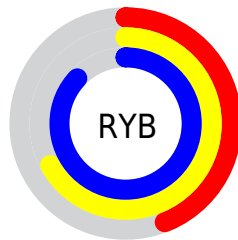
The Yxy color **61.0242, 0.2526, 0.3420** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.6722, 0.4403, 0.3177**, and the grayscale version is **50.6418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3979, 0.2657, 0.3289**, and **30.7344, 0.2380, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **59.6395, 0.2449, 0.3450**, and if you desaturate by 10%, it is **62.7771, 0.2621, 0.3391**.

Distribution



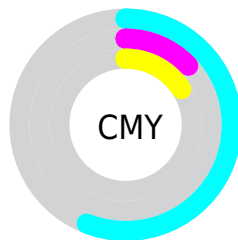
- Red (44%)
- Green (87%)
- Blue (84%)



- Red (44%)
- Yellow (67%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (56%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0242, 0.2526, 0.3420 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 61.0242, 0.2526, 0.3420 by changing the saturation by 10% instead.


 61.0242, 0.2526,
0.3420


 61.0242, 0.2526,
0.3420

428.3627, 0.2809,
0.3363

 44.2447, 0.2460,
0.3432


 106.3140, 0.2625,
0.3401

 30.8629, 0.2379,
0.3447


 135.5930, 0.2663,
0.3393

 20.4945, 0.2275,
0.3465


 169.8074, 0.2696,
0.3386

 12.7550, 0.2138,
0.3487

209.3415, 0.2725,
0.3380

 7.2601, 0.1951,
0.3513

254.5797, 0.2750,
0.3375

 3.6253, 0.1682,
0.3544

305.9063, 0.2772,

 1.4662, 0.1156,

0.3370

363.7059, 0.2791,
0.3366

0.3614

0.2648, 0.0000,
0.2963

0.0000, 0.0000,
0.0000

61.0242, 0.2526,
0.3420

61.0242, 0.2526,
0.3420

59.6395, 0.2449,
0.3450

62.7771, 0.2621,
0.3391

58.5886, 0.2391,
0.3481


64.9155, 0.2732,
0.3363

57.8427, 0.2352,
0.3512

67.4642, 0.2855,
0.3336


57.3650, 0.2332,
0.3543


70.4438, 0.2989,
0.3312


 57.0921, 0.2326,
0.3574


 73.8734, 0.3130,
0.3290

 57.0873, 0.2326,
0.3574

 77.7713, 0.3275,
0.3269

 79.5929, 0.3328,
0.3250

 79.7049, 0.3314,
0.3230

 79.8182, 0.3301,
0.3210

Harmonies

Analogous

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



61.0242, 0.2877, 0.3831



61.0242, 0.2526, 0.3420



61.0242, 0.2338, 0.3001

Triad

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



61.0242, 0.2526, 0.3420



61.0242, 0.2896, 0.2630



61.0242, 0.3967, 0.3816

Complementary

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



61.0242, 0.2526, 0.3420



28.6722, 0.4403, 0.3177

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.



61.0242, 0.3986, 0.3481



61.0242, 0.2526, 0.3420



61.0242, 0.3342, 0.2826

Square

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



61.0242, 0.2526, 0.3420



61.0242, 0.2540, 0.2582



61.0242, 0.3752, 0.3128



61.0242, 0.3714, 0.4045

Rectangle

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



61.0242, 0.2526, 0.3420



61.0242, 0.2320, 0.2786



61.0242, 0.3752, 0.3128



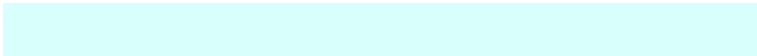
61.0242, 0.4002, 0.3711

Sweetspot

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



61.0266, 0.2526, 0.3420



93.2328, 0.2917, 0.3325



58.1661, 0.3118, 0.4838



19.7759, 0.2889, 0.3330



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.



61.0266, 0.2526, 0.3420



80.7060, 0.2444, 0.3452



40.8451, 0.2360, 0.2675



15.5499, 0.2994, 0.3311



33.5708, 0.2325, 0.3570



2.3333, 0.2312, 0.3522

Inverse Universe

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



28.6722, 0.4403, 0.3177



32.0197, 0.4854, 0.3164



40.7619, 0.4240, 0.3814



13.7205, 0.3278, 0.3269



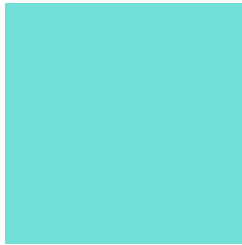
9.2614, 0.6295, 0.3241



0.6490, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 61.0242, 0.2526, 0.3420 looks on a white background.

Color Contrast Check

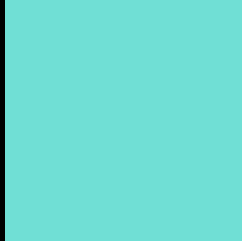
Large Text (above 18pt) WCAG AA × Fail

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 61.0242, 0.2526, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

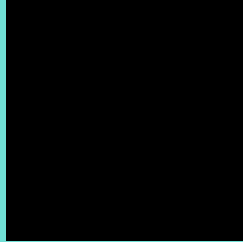
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0242, 0.2526, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 61.0242, 0.2526, 0.3420.

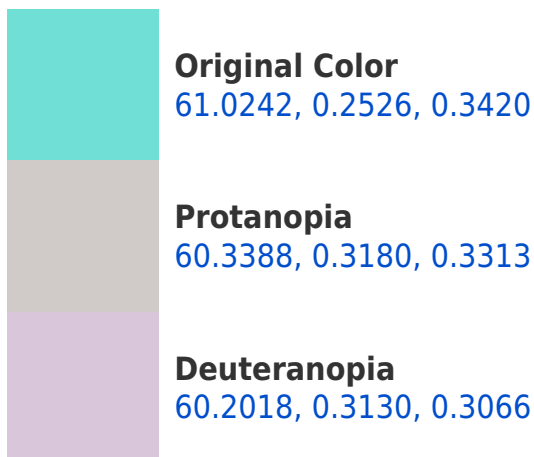


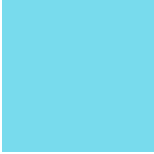
This preview shows how white text looks on a background with the Yxy color 61.0242, 0.2526, 0.3420.

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

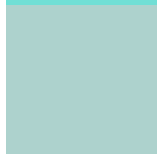
60.7705, 0.2437, 0.3062

Trichromacy



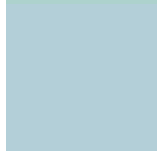
Original Color

61.0242, 0.2526, 0.3420



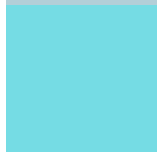
Protanomaly

59.3852, 0.2895, 0.3351



Deuteranomaly

59.1672, 0.2865, 0.3180



Tritanomaly

60.5697, 0.2469, 0.3186

Monochromacy



Original Color

61.0242, 0.2526, 0.3420



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.4276, 0.2852, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0242, 0.2526, 0.3420 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(112, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(112, 223, 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(112, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 223, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.0242, 0.2526, 0.3420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

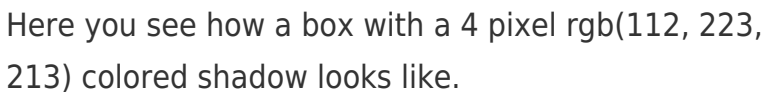
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 223, 213) }
```

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

```
.border{ border-color:rgb(112, 223, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 223, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 223, 213); box-shadow:4px 4px 4px 4px rgb(112, 223, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0242, 0.2526, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 223, 213) }
```

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

```
.background{ background-color: rgb(112,  
223, 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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