

Converting Colors

$Y_{xy}(61.3242, 0.2549, 0.3215)$

Have a look what the booklet for
Yxy(61.3242, 0.2549, 0.3215)
contains.

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Color

Yxy(61.5282, 0.2553, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	84DCE1
RGB	132, 220, 225
RGB Percent	52%, 86%, 88%
CMY	0.4821, 0.1373, 0.1176
CMYK	0.41, 0.02, 0.00, 0.12
HSL	183°, 61%, 70%
HSV	183°, 41%, 88%
XYZ	48.7074, 61.5282, 80.5495
YIQ	194.2580, -54.0530, -17.1010

Conversions

Conversions Part 2

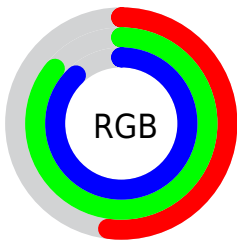
Format	Color
RYB	132, 177, 225
Decimal	8707297
CIELab	82.66, -25.15, -10.78
CIELCh	83, 27.360, 203.196
Yxy	61.5282, 0.2553, 0.3225
Android (android.graphics.Color)	4286897377 (0xFF84DCE1)
YUV	194.2580, 15.1558, -54.6003
Hunter-Lab	78.4399, -26.4299, -5.9766

Details

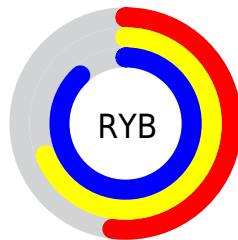
The Yxy color **61.5282, 0.2553, 0.3225** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.5911, 0.4161, 0.3352**, and the grayscale version is **54.0517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **31.3084, 0.2416, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **59.2718, 0.2448, 0.3207**, and if you desaturate by 10%, it is **64.1853, 0.2674, 0.3242**.

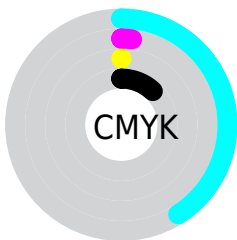
Distribution



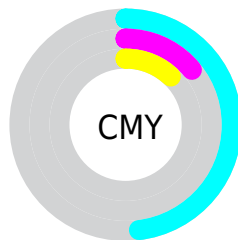
- Red (52%)
- Green (86%)
- Blue (88%)



- Red (52%)
- Yellow (69%)
- Blue (88%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)




- Cyan (48%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5282, 0.2553, 0.3225 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 61.5282, 0.2553, 0.3225 by changing the saturation by 10% instead.


 61.5282, 0.2553,
0.3225

 61.5282, 0.2553,
0.3225


430.2080, 0.2822,
0.3262

 44.6516, 0.2491,
0.3215


 107.0434, 0.2647,
0.3239

 31.1831, 0.2415,
0.3201


 136.4507, 0.2683,
0.3244

 20.7383, 0.2317,
0.3182


 170.8037, 0.2714,
0.3249

 12.9328, 0.2190,
0.3155

210.4868, 0.2741,
0.3252

 7.3823, 0.2017,
0.3113

255.8844, 0.2765,
0.3255

 3.7023, 0.1769,
0.3041

307.3809, 0.2786,

 1.5085, 0.1383,

0.3258

0.2904

365.3606, 0.2805,
0.3260

0.2947, 0.0000,
0.2146

0.0000, 0.0000,
0.0000

61.5282, 0.2553,
0.3225

61.5282, 0.2553,
0.3225

59.2718, 0.2448,
0.3207

64.1853, 0.2674,
0.3242

57.3834, 0.2361,
0.3189


67.2590, 0.2809,
0.3259


55.8372, 0.2293,
0.3170


70.7731, 0.2954,
0.3274


54.6005, 0.2245,
0.3152

74.7473, 0.3107,
0.3288

 53.6344, 0.2215,
0.3134


 79.2005, 0.3264,
0.3301

 52.9579, 0.2200,
0.3119

 81.7885, 0.3337,
0.3313

 82.4563, 0.3336,
0.3325

 83.1288, 0.3334,
0.3337

 83.8060, 0.3333,
0.3349

Harmonies

Analogous

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



61.5282, 0.2777, 0.3562



61.5282, 0.2553, 0.3225



61.5282, 0.2477, 0.2932

Triad

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



61.5282, 0.2553, 0.3225



61.5282, 0.3122, 0.2825



61.5282, 0.3714, 0.3819

Complementary

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



61.5282, 0.2553, 0.3225



35.5911, 0.4161, 0.3352

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.



61.5282, 0.3823, 0.3591



61.5282, 0.2553, 0.3225



61.5282, 0.3472, 0.3033

Square

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



61.5282, 0.2553, 0.3225



61.5282, 0.2791, 0.2724



61.5282, 0.3734, 0.3307



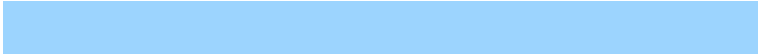
61.5282, 0.3446, 0.3916

Rectangle

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



61.5282, 0.2553, 0.3225



61.5282, 0.2515, 0.2800



61.5282, 0.3734, 0.3307



61.5282, 0.3771, 0.3754

Sweetspot

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



61.5306, 0.2553, 0.3225



93.6020, 0.2942, 0.3273



60.5646, 0.3042, 0.4499



19.8973, 0.2923, 0.3271



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.



61.5306, 0.2553, 0.3225



78.9782, 0.2457, 0.3209



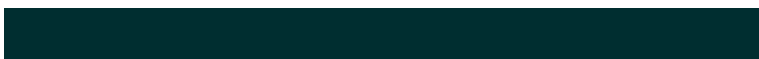
40.5770, 0.2453, 0.2603



15.4389, 0.2982, 0.3277



30.5702, 0.2201, 0.3122



2.1583, 0.2208, 0.3149

Inverse Universe

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



37.6960, 0.3221, 0.2325



43.3529, 0.3244, 0.2136



51.6200, 0.3928, 0.3885



13.9222, 0.3146, 0.3071



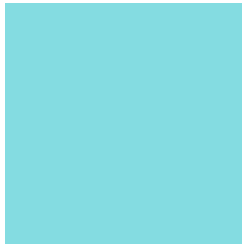
11.9941, 0.3349, 0.1618



0.8353, 0.3325, 0.1605

Previews

White Background



This preview shows how the Yxy color 61.5282, 0.2553, 0.3225 looks on a white background.

Color Contrast Check

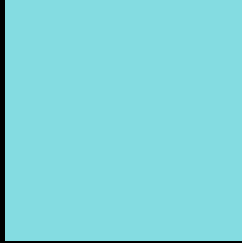
Large Text (above 18pt) WCAG AA × Fail

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 61.5282, 0.2553, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

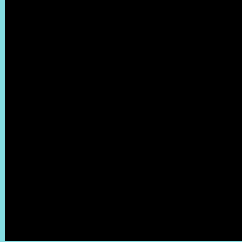
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5282, 0.2553, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 61.5282, 0.2553, 0.3225.

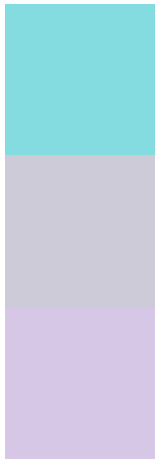


This preview shows how white text looks on a background with the Yxy color 61.5282, 0.2553, 0.3225.

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

61.5282, 0.2553, 0.3225

Protanopia

60.5973, 0.3058, 0.3151

Deuteranopia

60.6501, 0.3021, 0.2955



Tritanopia

61.3498, 0.2509, 0.3066

Trichromacy



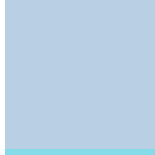
Original Color

61.5282, 0.2553, 0.3225



Protanomaly

60.1804, 0.2841, 0.3169



Deuteranomaly

60.4174, 0.2824, 0.3042



Tritanomaly

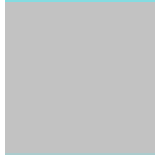
61.5576, 0.2526, 0.3126

Monochromacy



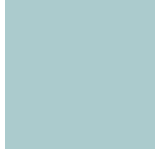
Original Color

61.5282, 0.2553, 0.3225



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.7776, 0.2877, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5282, 0.2553, 0.3225 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, 220, 225)` looks like.

```
.text, #text, p{  
    color:rgb(132, 220, 225)  
}
```

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, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 220, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.5282, 0.2553, 0.3225 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, 220, 225) }
```

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

```
.border{ border-color:rgb(132, 220, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 220, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 220, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 220, 225); box-shadow:4px 4px 4px 4px rgb(132, 220, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5282, 0.2553, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 220, 225) }
```

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

```
.background{ background-color: rgb(132,  
220, 225) }
```

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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