

Converting Colors

$Yxy(52.5972, 0.2662, 0.3657)$

Have a look what the booklet for
Yxy(52.5972, 0.2662, 0.3657)
contains.

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Color

Yxy(52.5972, 0.2662, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	72D1B7
RGB	114, 209, 183
RGB Percent	45%, 82%, 72%
CMY	0.5530, 0.1804, 0.2823
CMYK	0.45, 0.00, 0.12, 0.18
HSL	164°, 51%, 63%
HSV	164°, 45%, 82%
XYZ	38.2865, 52.5972, 52.9424
YIQ	177.6310, -48.2740, -28.2260

Conversions

Conversions Part 2

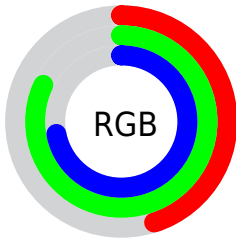
Format	Color
RYB	114, 169, 209
Decimal	7524791
CIELab	77.64, -34.34, 4.17
CIElCh	78, 34.593, 173.072
Yxy	52.5972, 0.2662, 0.3657
Android (android.graphics.Color)	4285714871 (0xFF72D1B7)
YUV	177.6310, 2.6469, -55.8044
Hunter-Lab	72.5239, -32.6840, 7.4851

Details

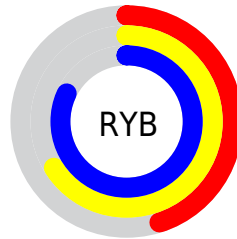
The Yxy color **52.5972, 0.2662, 0.3657** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.4796, 0.3997, 0.2965**, and the grayscale version is **44.3200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4099, 0.2733, 0.3466**, and **25.5637, 0.2535, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **51.1212, 0.2592, 0.3754**, and if you desaturate by 10%, it is **54.4072, 0.2747, 0.3565**.

Distribution



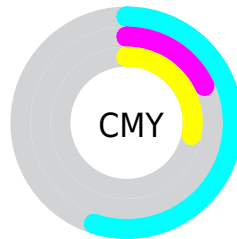
- Red (45%)
- Green (82%)
- Blue (72%)



- Red (45%)
- Yellow (66%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)




- Cyan (55%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5972, 0.2662, 0.3657 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 52.5972, 0.2662, 0.3657 by changing the saturation by 10% instead.

 52.5972, 0.2662,
0.3657

 52.5972, 0.2662,
0.3657


396.7378, 0.2891,
0.3474


 37.4813, 0.2606,
0.3702


 94.0114, 0.2744,
0.3591

 25.5804, 0.2535,
0.3761


 121.0785, 0.2775,
0.3566

 16.5100, 0.2442,
0.3838


 152.8981, 0.2802,
0.3545

 9.8857, 0.2315,
0.3945

189.8546, 0.2824,
0.3527

 5.3233, 0.2131,
0.4104

232.3325, 0.2844,
0.3511

 2.4382, 0.1843,
0.4362

280.7160, 0.2862,

 0.8454, 0.0000,

0.3497

0.5735

335.3897, 0.2877,
0.3485

0.0000, 0.0000,
0.0000

52.5972, 0.2662,
0.3657

52.5972, 0.2662,
0.3657

51.1212, 0.2592,
0.3754

54.4072, 0.2747,
0.3565

49.9508, 0.2539,
0.3855

56.5651, 0.2845,
0.3479

49.0629, 0.2505,
0.3958

59.0914, 0.2951,
0.3399


48.4286, 0.2491,
0.4061


62.0034, 0.3064,
0.3327

48.0122, 0.2497,
0.4164


65.3171, 0.3180,
0.3261

 47.8652, 0.2503,
0.4210

 69.0476, 0.3298,
0.3203

 72.1928, 0.3375,
0.3149

 72.5064, 0.3333,
0.3092

 72.8306, 0.3292,
0.3036

Harmonies

Analogous

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



52.5972, 0.3087, 0.4019



52.5972, 0.2662, 0.3657



52.5972, 0.2374, 0.3195

Triad

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



52.5972, 0.2662, 0.3657



52.5972, 0.2679, 0.2553



52.5972, 0.4056, 0.3670

Complementary

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



52.5972, 0.2662, 0.3657



27.4796, 0.3997, 0.2965

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.



52.5972, 0.3938, 0.3300



52.5972, 0.2662, 0.3657



52.5972, 0.3113, 0.2684

Square

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



52.5972, 0.2662, 0.3657



52.5972, 0.2385, 0.2589



52.5972, 0.3582, 0.2950



52.5972, 0.3903, 0.3982

Rectangle

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



52.5972, 0.2662, 0.3657



52.5972, 0.2287, 0.2921



52.5972, 0.3582, 0.2950



52.5972, 0.4047, 0.3549

Sweetspot

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



52.5993, 0.2662, 0.3657



93.2336, 0.2966, 0.3389



52.4724, 0.3246, 0.4628



19.7562, 0.2942, 0.3406



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.



52.5993, 0.2662, 0.3657



80.1390, 0.2591, 0.3756



44.3249, 0.2471, 0.2999



13.3496, 0.3019, 0.3354



29.5280, 0.2499, 0.4195



1.6640, 0.2447, 0.4008

Inverse Universe

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



27.4796, 0.3997, 0.2965



35.7680, 0.4312, 0.2904



31.9792, 0.4215, 0.3553



11.8606, 0.3248, 0.3227



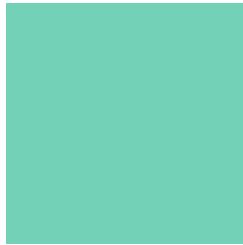
8.5553, 0.5837, 0.2989



0.4918, 0.5303, 0.2695

Previews

White Background



This preview shows how the Yxy color 52.5972, 0.2662, 0.3657 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 52.5972, 0.2662, 0.3657 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

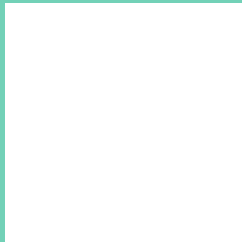
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5972, 0.2662, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 52.5972, 0.2662, 0.3657.

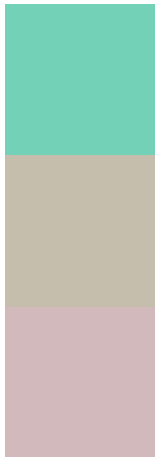


This preview shows how white text looks on a background with the Yxy color 52.5972, 0.2662, 0.3657.

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

52.5972, 0.2662, 0.3657

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

52.0304, 0.3316, 0.3255



Tritanopia

52.6381, 0.2503, 0.3077

Trichromacy



Original Color

52.5972, 0.2662, 0.3657



Protanomaly

51.3223, 0.3037, 0.3555



Deuteranomaly

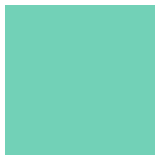
51.2427, 0.3035, 0.3393



Tritanomaly

52.6407, 0.2556, 0.3275

Monochromacy



Original Color

52.5972, 0.2662, 0.3657



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

46.6590, 0.2923, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5972, 0.2662, 0.3657 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(114, 209, 183)` looks like.

```
.text, #text, p{  
    color:rgb(114, 209, 183)  
}
```

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(114, 209, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 209, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.5972, 0.2662, 0.3657 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(114, 209, 183) }
```

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

```
.border{ border-color:rgb(114, 209, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 209, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 209, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 209, 183);  
box-shadow:4px 4px 4px 4px rgb(114, 209,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5972, 0.2662, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 209, 183) }
```

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

```
.background{ background-color: rgb(114,  
209, 183) }
```

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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