

Converting Colors

$Y_{xy}(44.2575, 0.2504, 0.3288)$

Have a look what the booklet for
Yxy(44.2575, 0.2504, 0.3288)
contains.

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Color

Yxy(44.2717, 0.2505, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	65C0C0
RGB	101, 192, 192
RGB Percent	40%, 75%, 75%
CMY	0.6041, 0.2470, 0.2470
CMYK	0.47, 0.00, 0.00, 0.25
HSL	180°, 42%, 57%
HSV	180°, 47%, 75%
XYZ	33.7289, 44.2717, 56.6457
YIQ	164.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

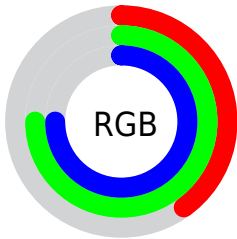
Format	Color
RYB	101, 147, 192
Decimal	6668480
CIELab	72.41, -27.09, -8.42
CIELCh	72, 28.366, 197.275
Yxy	44.2717, 0.2505, 0.3288
Android (android.graphics.Color)	4284858560 (0xFF65C0C0)
YUV	164.7910, 13.4140, -55.9447
Hunter-Lab	66.5370, -25.9546, -3.9001

Details

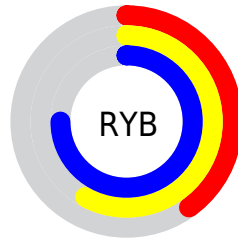
The Yxy color **44.2717, 0.2505, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.4498, 0.4414, 0.3294**, and the grayscale version is **37.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7978, 0.2619, 0.3300**, and **20.4922, 0.2331, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **43.2911, 0.2417, 0.3288**, and if you desaturate by 10%, it is **45.5146, 0.2611, 0.3288**.

Distribution



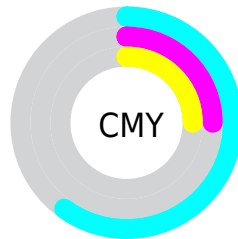
- Red (40%)
- Green (75%)
- Blue (75%)



- Red (40%)
- Yellow (58%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)





- Cyan (60%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2717, 0.2505, 0.3288 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 44.2717, 0.2505, 0.3288 by changing the saturation by 10% instead.


 44.2717, 0.2505,
0.3288

 44.2717, 0.2505,
0.3288

363.8159, 0.2813,
0.3296

 30.8842, 0.2429,
0.3284


 81.6264, 0.2616,
0.3292

 20.5107, 0.2333,
0.3278


 106.3624, 0.2658,
0.3294

 12.7668, 0.2207,
0.3267


 135.6500, 0.2694,
0.3294

 7.2682, 0.2034,
0.3248

 169.8736, 0.2724,
0.3295

 3.6304, 0.1785,
0.3210

209.4176, 0.2751,
0.3295

 1.4690, 0.1375,
0.3133

254.6664, 0.2774,

 0.2668, 0.0000,

0.3295

0.2328

306.0043, 0.2795,
0.3296

0.0000, 0.0000,
0.0000

44.2717, 0.2505,
0.3288

44.2717, 0.2505,
0.3288

43.2911, 0.2417,
0.3288

45.5146, 0.2611,
0.3288

42.5493, 0.2348,
0.3287

47.0313, 0.2733,
0.3289

42.0274, 0.2298,
0.3287


48.8385, 0.2868,
0.3289


41.7013, 0.2266,
0.3287

50.9503, 0.3014,
0.3290

41.5362, 0.2250,
0.3287

53.3799, 0.3167,
0.3290

 41.5040, 0.2246,
0.3287

 56.1397, 0.3326,
0.3291

 59.2414, 0.3486,
0.3291

 62.6960, 0.3647,
0.3292

 62.7770, 0.3650,
0.3292

Harmonies

Analogous

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



44.2717, 0.2789, 0.3679



44.2717, 0.2505, 0.3288



44.2717, 0.2384, 0.2930

Triad

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



44.2717, 0.2505, 0.3288



44.2717, 0.3038, 0.2724



44.2717, 0.3846, 0.3854

Complementary

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



44.2717, 0.2505, 0.3288



21.4498, 0.4414, 0.3294

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.



44.2717, 0.3932, 0.3568



44.2717, 0.2505, 0.3288



44.2717, 0.3449, 0.2940

Square

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



44.2717, 0.2505, 0.3288



44.2717, 0.2675, 0.2636



44.2717, 0.3784, 0.3240



44.2717, 0.3563, 0.4009

Rectangle

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



44.2717, 0.2505, 0.3288



44.2717, 0.2404, 0.2761



44.2717, 0.3784, 0.3240



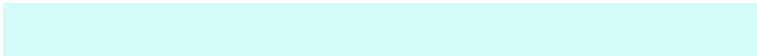
44.2717, 0.3900, 0.3768

Sweetspot

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



44.2734, 0.2505, 0.3288



89.6366, 0.2913, 0.3289



41.4101, 0.3058, 0.4767



19.0590, 0.2882, 0.3289



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2734, 0.2505, 0.3288



78.3496, 0.2413, 0.3288



27.2804, 0.2373, 0.2566



11.4283, 0.2985, 0.3290



27.9224, 0.2246, 0.3287



1.2065, 0.2247, 0.3287

Inverse Universe

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



24.3151, 0.3181, 0.2154



37.8114, 0.3190, 0.1948



32.8568, 0.4094, 0.3905



10.2475, 0.3138, 0.3063



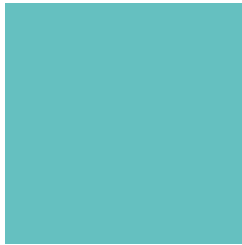
10.1010, 0.3209, 0.1542



0.4364, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 44.2717, 0.2505, 0.3288 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 44.2717, 0.2505, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

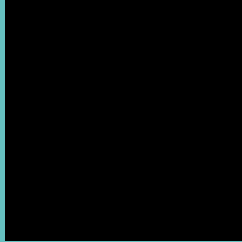
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

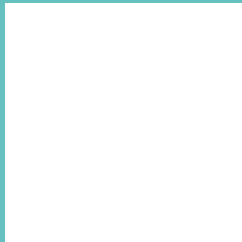
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2717, 0.2505, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 44.2717, 0.2505, 0.3288.

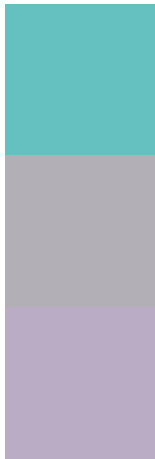


This preview shows how white text looks on a background with the Yxy color 44.2717, 0.2505, 0.3288.

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

44.2717, 0.2505, 0.3288

Protanopia

43.8930, 0.3096, 0.3210

Deuteranopia

43.8049, 0.3046, 0.2983



Tritanopia

44.2379, 0.2450, 0.3073

Trichromacy



Original Color

44.2717, 0.2505, 0.3288



Protanomaly

43.4851, 0.2838, 0.3233



Deuteranomaly

43.0504, 0.2803, 0.3070



Tritanomaly

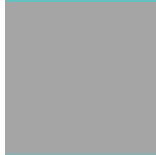
44.3748, 0.2474, 0.3158

Monochromacy



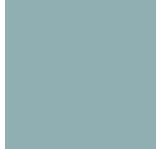
Original Color

44.2717, 0.2505, 0.3288



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

39.5059, 0.2849, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2717, 0.2505, 0.3288 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(101, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(101, 192, 192)  
}
```

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(101, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 192, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.2717, 0.2505, 0.3288 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(101, 192, 192) }
```

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

```
.border{ border-color:rgb(101, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(101, 192,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2717, 0.2505, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 192, 192) }
```

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

```
.background{ background-color: rgb(101,  
192, 192) }
```

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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