

Converting Colors

$Yxy(44.9416, 0.2578, 0.3288)$

Have a look what the booklet for
Yxy(44.9416, 0.2578, 0.3288)
contains.

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Color

Yxy(45.0825, 0.2575, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	72C0C0
RGB	114, 192, 192
RGB Percent	45%, 75%, 75%
CMY	0.5529, 0.2471, 0.2470
CMYK	0.41, 0.00, 0.00, 0.25
HSL	180°, 38%, 60%
HSV	180°, 41%, 75%
XYZ	35.3064, 45.0825, 56.7233
YIQ	168.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

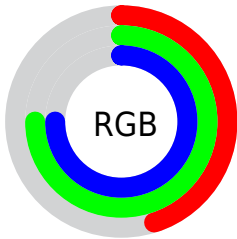
Format	Color
RYB	114, 153, 192
Decimal	7520448
CIELab	72.95, -23.96, -7.57
CIELCh	73, 25.132, 197.536
Yxy	45.0825, 0.2575, 0.3288
Android (android.graphics.Color)	4285710528 (0xFF72C0C0)
YUV	168.6780, 11.4977, -47.9526
Hunter-Lab	67.1435, -23.6396, -3.0882

Details

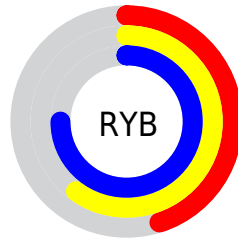
The Yxy color **45.0825, 0.2575, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.4677, 0.4146, 0.3293**, and the grayscale version is **39.4710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0747, 0.2677, 0.3300**, and **20.9406, 0.2418, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **43.9261, 0.2475, 0.3288**, and if you desaturate by 10%, it is **46.5127, 0.2692, 0.3288**.

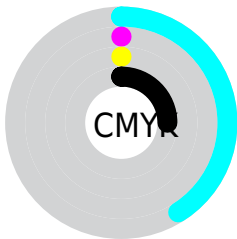
Distribution



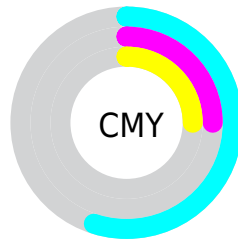
- Red (45%)
- Green (75%)
- Blue (75%)



- Red (45%)
- Yellow (60%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0825, 0.2575, 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 45.0825, 0.2575, 0.3288 by changing the saturation by 10% instead.


 45.0825, 0.2575,
0.3288


 45.0825, 0.2575,
0.3288


367.1076, 0.2848,
0.3294

 31.5224, 0.2508,
0.3285


 82.8442, 0.2674,
0.3291

 20.9970, 0.2422,
0.3280


 107.8146, 0.2711,
0.3292

 13.1218, 0.2310,
0.3271


 137.3572, 0.2742,
0.3293

 7.5125, 0.2156,
0.3256

171.8565, 0.2769,
0.3294

 3.7846, 0.1932,
0.3227

211.6967, 0.2793,
0.3294

 1.5538, 0.1581,
0.3161

257.2624, 0.2814,

 0.3262, 0.0000,

0.3294

0.2694

308.9379, 0.2832,
0.3294

0.0000, 0.0000,
0.0000

45.0825, 0.2575,
0.3288

45.0825, 0.2575,
0.3288

43.9261, 0.2475,
0.3288

46.5127, 0.2692,
0.3288

43.0213, 0.2393,
0.3287

48.2270, 0.2823,
0.3289

42.3506, 0.2330,
0.3287


50.2416, 0.2966,
0.3289


41.8926, 0.2286,
0.3287

52.5698, 0.3117,
0.3290

41.6215, 0.2259,
0.3287

55.2244, 0.3275,
0.3291

 41.4905, 0.2246,
0.3286

 58.2171, 0.3435,
0.3291

 61.5594, 0.3595,
0.3292

 62.7870, 0.3650,
0.3292

 62.7896, 0.3650,
0.3292

Harmonies

Analogous

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



45.0825, 0.2827, 0.3627



45.0825, 0.2575, 0.3288



45.0825, 0.2467, 0.2973

Triad

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



45.0825, 0.2575, 0.3288



45.0825, 0.3053, 0.2788



45.0825, 0.3760, 0.3793

Complementary

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



45.0825, 0.2575, 0.3288



24.4677, 0.4146, 0.3293

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.



45.0825, 0.3835, 0.3543



45.0825, 0.2575, 0.3288



45.0825, 0.3414, 0.2982

Square

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



45.0825, 0.2575, 0.3288



45.0825, 0.2731, 0.2709



45.0825, 0.3707, 0.3252



45.0825, 0.3512, 0.3923

Rectangle

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



45.0825, 0.2575, 0.3288



45.0825, 0.2486, 0.2822



45.0825, 0.3707, 0.3252



45.0825, 0.3807, 0.3719

Sweetspot

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



45.0843, 0.2575, 0.3288



90.4011, 0.2943, 0.3289



42.5033, 0.3069, 0.4524



19.2868, 0.2924, 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.



45.0843, 0.2575, 0.3288



79.7279, 0.2482, 0.3288



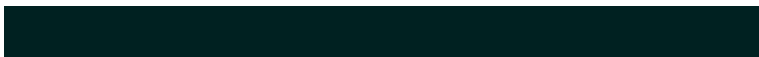
30.1735, 0.2481, 0.2688



11.4279, 0.2985, 0.3290



27.9111, 0.2246, 0.3286



1.2061, 0.2246, 0.3287

Inverse Universe

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



27.0528, 0.3174, 0.2303



42.4940, 0.3183, 0.2105



35.2132, 0.3924, 0.3819



10.2475, 0.3138, 0.3063



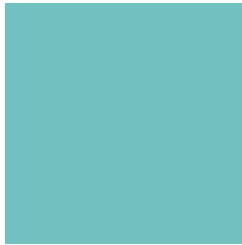
10.0999, 0.3210, 0.1542



0.4364, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 45.0825, 0.2575, 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 45.0825, 0.2575, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

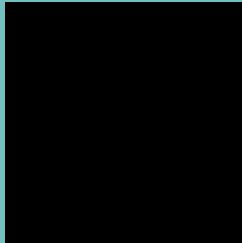
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

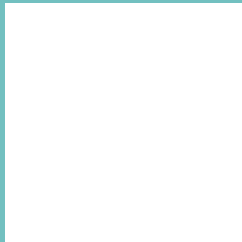
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0825, 0.2575, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 45.0825, 0.2575, 0.3288.

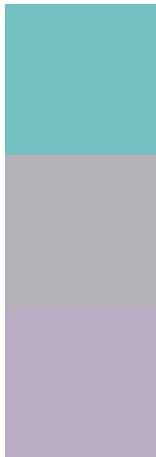


This preview shows how white text looks on a background with the Yxy color 45.0825, 0.2575, 0.3288.

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

45.0825, 0.2575, 0.3288

Protanopia

44.5665, 0.3105, 0.3211

Deuteranopia

44.4375, 0.3063, 0.2998



Tritanopia

45.0862, 0.2519, 0.3077

Trichromacy



Original Color

45.0825, 0.2575, 0.3288

Protanomaly

44.0690, 0.2884, 0.3234

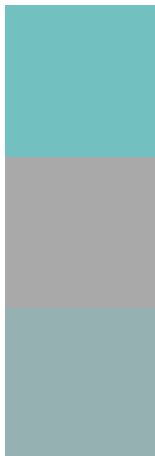
Deuteranomaly

44.0562, 0.2850, 0.3087

Tritanomaly

45.2136, 0.2544, 0.3161

Monochromacy



Original Color

45.0825, 0.2575, 0.3288

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.0082, 0.2892, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0825, 0.2575, 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(114, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(114, 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(114, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 192, 192) }
```

Border

The CSS property to change the border of an element to Yxy 45.0825, 0.2575, 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(114, 192, 192) }
```

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

```
.border{ border-color:rgb(114, 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(114, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(114, 192,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0825, 0.2575, 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(114, 192, 192) }
```

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

```
.background{ background-color: rgb(114,  
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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