

Converting Colors

$Yxy(45.4454, 0.2783, 0.3752)$

Have a look what the booklet for
Yxy(45.4454, 0.2783, 0.3752)
contains.

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Color

Yxy(45.6325, 0.2781, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	77C3A4
RGB	119, 195, 164
RGB Percent	47%, 76%, 64%
CMY	0.5337, 0.2352, 0.3569
CMYK	0.39, 0.00, 0.16, 0.24
HSL	156°, 39%, 62%
HSV	156°, 39%, 76%
XYZ	33.8140, 45.6325, 42.1429
YIQ	168.7420, -35.3450, -25.7530

Conversions

Conversions Part 2

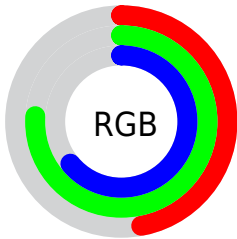
Format	Color
RYB	119, 167, 195
Decimal	7848868
CIELab	73.31, -30.65, 8.22
CIElCh	73, 31.738, 164.983
Yxy	45.6325, 0.2781, 0.3753
Android (android.graphics.Color)	4286038948 (0xFF77C3A4)
YUV	168.7420, -2.3378, -43.6237
Hunter-Lab	67.5518, -28.8650, 10.2976

Details

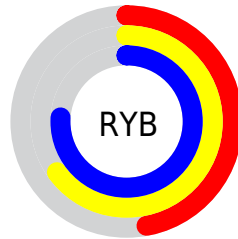
The Yxy color **45.6325, 0.2781, 0.3753** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.9779, 0.3689, 0.2876**, and the grayscale version is **39.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7340, 0.2846, 0.3664**, and **21.3434, 0.2677, 0.3905** is the 20% darker color. If you saturate the color by 10%, you get **44.1161, 0.2713, 0.3897**, and if you desaturate by 10%, it is **47.4536, 0.2860, 0.3618**.

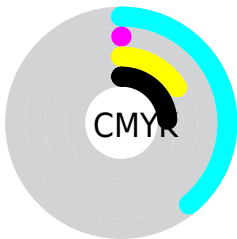
Distribution



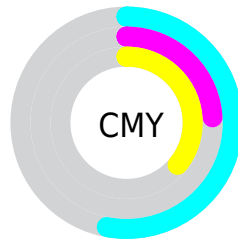
- Red (47%)
- Green (76%)
- Blue (64%)



- Red (47%)
- Yellow (65%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6325, 0.2781, 0.3753 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 45.6325, 0.2781, 0.3753 by changing the saturation by 10% instead.

 45.6325, 0.2781,
0.3753

 45.6325, 0.2781,
0.3753


369.3292, 0.2958,
0.3514

 31.9559, 0.2736,
0.3815


 83.6687, 0.2846,
0.3664

 21.3278, 0.2677,
0.3897


 108.7972, 0.2870,
0.3631

 13.3638, 0.2597,
0.4009


 138.5117, 0.2891,
0.3604

 7.6796, 0.2484,
0.4170

173.1967, 0.2908,
0.3580

 3.8906, 0.2310,
0.4423

213.2365, 0.2923,
0.3560

 1.6126, 0.1978,
0.4894

259.0156, 0.2936,

 0.3660, 0.0000,

0.3543

1.0000

310.9184, 0.2948,
0.3527

0.0000, 0.0000,
0.0000

45.6325, 0.2781,
0.3753

45.6325, 0.2781,
0.3753

44.1161, 0.2713,
0.3897

47.4536, 0.2860,
0.3618

42.8810, 0.2660,
0.4049

49.5902, 0.2948,
0.3494

41.9095, 0.2625,
0.4206


52.0590, 0.3041,
0.3382

41.1791, 0.2609,
0.4365


54.8744, 0.3137,
0.3281

40.6636, 0.2613,
0.4523

58.0494, 0.3233,
0.3190


 40.3184, 0.2634,
0.4676

 61.5967, 0.3329,
0.3110

 40.2881, 0.2636,
0.4691

 65.4471, 0.3420,
0.3040

 65.8776, 0.3358,
0.2961

 66.3283, 0.3297,
0.2884

Harmonies

Analogous

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



45.6325, 0.3211, 0.4045



45.6325, 0.2781, 0.3753



45.6325, 0.2459, 0.3319

Triad

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



45.6325, 0.2781, 0.3753



45.6325, 0.2603, 0.2571



45.6325, 0.4016, 0.3564

Complementary

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



45.6325, 0.2781, 0.3753



26.9779, 0.3689, 0.2876

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.



45.6325, 0.3834, 0.3205



45.6325, 0.2781, 0.3753



45.6325, 0.2993, 0.2656

Square

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



45.6325, 0.2781, 0.3753



45.6325, 0.2364, 0.2654



45.6325, 0.3448, 0.2883



45.6325, 0.3937, 0.3888

Rectangle

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



45.6325, 0.2781, 0.3753



45.6325, 0.2340, 0.3037



45.6325, 0.3448, 0.2883



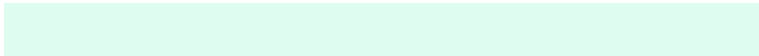
45.6325, 0.3983, 0.3445

Sweetspot

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



45.6344, 0.2781, 0.3753



91.7552, 0.3011, 0.3416



46.9117, 0.3319, 0.4382



19.9623, 0.2998, 0.3431



0.0000, 0.0000, 0.0000



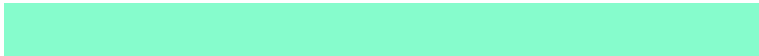
21.4041, 0.3127, 0.3290

Same Dimension

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



45.6344, 0.2781, 0.3753



79.3189, 0.2721, 0.3878



44.1130, 0.2579, 0.3197



11.3567, 0.3037, 0.3386



26.1966, 0.2631, 0.4670



1.1453, 0.2535, 0.4327

Inverse Universe

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



26.9779, 0.3689, 0.2876



41.1586, 0.3877, 0.2787



27.6666, 0.4055, 0.3379



10.1444, 0.3226, 0.3196



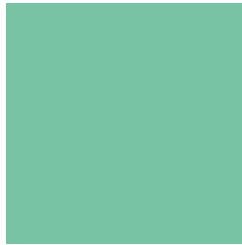
7.9282, 0.5321, 0.2705



0.3562, 0.4739, 0.2384

Previews

White Background



This preview shows how the Yxy color 45.6325, 0.2781, 0.3753 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 45.6325, 0.2781, 0.3753 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 45.6325, 0.2781, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 45.6325, 0.2781, 0.3753.



This preview shows how white text looks on a background with the Yxy color 45.6325, 0.2781, 0.3753.

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

45.6325, 0.2781, 0.3753

Protanopia

45.3319, 0.3398, 0.3594

Deuteranopia

45.0311, 0.3408, 0.3342



Tritanopia

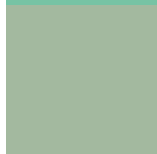
45.4701, 0.2581, 0.3067

Trichromacy



Original Color

45.6325, 0.2781, 0.3753



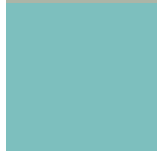
Protanomaly

44.9877, 0.3144, 0.3653



Deuteranomaly

44.4957, 0.3153, 0.3481



Tritanomaly

45.3393, 0.2650, 0.3303

Monochromacy



Original Color

45.6325, 0.2781, 0.3753



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

41.2101, 0.2984, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6325, 0.2781, 0.3753 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(119, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 164)  
}
```

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(119, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 164) }
```

Border

The CSS property to change the border of an element to Yxy 45.6325, 0.2781, 0.3753 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(119, 195, 164) }
```

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

```
.border{ border-color:rgb(119, 195, 164) }
```

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

Here you see how a box with a 4 pixel rgb(119, 195, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 195, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 195, 164);  
box-shadow:4px 4px 4px 4px rgb(119, 195,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6325, 0.2781, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 164) }
```

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

```
.background{ background-color: rgb(119,  
195, 164) }
```

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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