

Converting Colors

$Yxy(45.5474, 0.2721, 0.3481)$

Have a look what the booklet for
Yxy(45.5474, 0.2721, 0.3481)
contains.

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Color

Yxy(45.3139, 0.2721, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	7DC0B3
RGB	125, 192, 179
RGB Percent	49%, 75%, 70%
CMY	0.5095, 0.2471, 0.2981
CMYK	0.35, 0.00, 0.07, 0.25
HSL	168°, 35%, 62%
HSV	168°, 35%, 75%
XYZ	35.4512, 45.3139, 49.5222
YIQ	170.4850, -35.7590, -18.2470

Conversions

Conversions Part 2

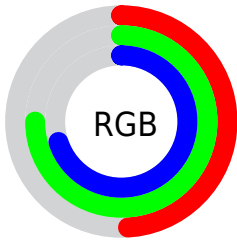
Format	Color
RYB	125, 162, 192
Decimal	8241331
CIELab	73.10, -24.13, -0.19
CIElCh	73, 24.129, 180.451
Yxy	45.3139, 0.2721, 0.3478
Android (android.graphics.Color)	4286431411 (0xFF7DC0B3)
YUV	170.4850, 4.1979, -39.8903
Hunter-Lab	67.3156, -23.7969, 3.5029

Details

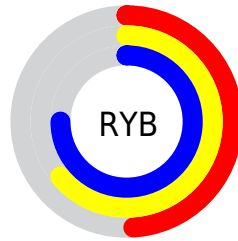
The Yxy color **45.3139, 0.2721, 0.3478** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.7289, 0.3781, 0.3114**, and the grayscale version is **40.4537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4528, 0.2794, 0.3444**, and **21.0610, 0.2606, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **43.8578, 0.2628, 0.3541**, and if you desaturate by 10%, it is **47.0571, 0.2827, 0.3419**.

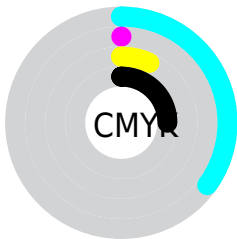
Distribution



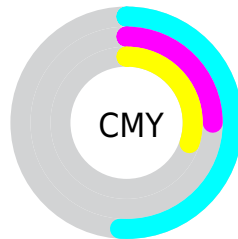
- Red (49%)
- Green (75%)
- Blue (70%)



- Red (49%)
- Yellow (64%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3139, 0.2721, 0.3478 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 45.3139, 0.2721, 0.3478 by changing the saturation by 10% instead.


 45.3139, 0.2721,
0.3478


 45.3139, 0.2721,
0.3478


368.0434, 0.2924,
0.3384

 31.7047, 0.2670,
0.3501


 83.1913, 0.2795,
0.3444

 21.1361, 0.2605,
0.3531


 108.2282, 0.2823,
0.3431

 13.2235, 0.2518,
0.3571


 137.8433, 0.2846,
0.3420

 7.5826, 0.2397,
0.3627

172.4208, 0.2866,
0.3411

 3.8291, 0.2218,
0.3709

212.3452, 0.2884,
0.3403

 1.5784, 0.1922,
0.3844

258.0008, 0.2899,

 0.3430, 0.0000,

0.3396

0.4700

309.7721, 0.2912,
0.3390

0.0000, 0.0000,
0.0000

45.3139, 0.2721,
0.3478

45.3139, 0.2721,
0.3478

43.8578, 0.2628,
0.3541

47.0571, 0.2827,
0.3419

42.6671, 0.2549,
0.3608

49.0967, 0.2943,
0.3363

41.7258, 0.2489,
0.3677


51.4485, 0.3066,
0.3313

41.0139, 0.2447,
0.3747


54.1254, 0.3193,
0.3267

40.5083, 0.2425,
0.3817


57.1396, 0.3322,
0.3226

 40.1807, 0.2421,
0.3887

 60.5027, 0.3451,
0.3190

 40.0521, 0.2423,
0.3923

 63.3681, 0.3542,
0.3156

 63.5505, 0.3512,
0.3118

 63.7372, 0.3481,
0.3080

Harmonies

Analogous

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



45.3139, 0.3021, 0.3762



45.3139, 0.2721, 0.3478



45.3139, 0.2534, 0.3150

Triad

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



45.3139, 0.2721, 0.3478



45.3139, 0.2870, 0.2749



45.3139, 0.3798, 0.3647

Complementary

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



45.3139, 0.2721, 0.3478



27.7289, 0.3781, 0.3114

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.



45.3139, 0.3759, 0.3376



45.3139, 0.2721, 0.3478



45.3139, 0.3207, 0.2876

Square

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



45.3139, 0.2721, 0.3478



45.3139, 0.2616, 0.2748



45.3139, 0.3537, 0.3100



45.3139, 0.3649, 0.3844

Rectangle

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



45.3139, 0.2721, 0.3478



45.3139, 0.2491, 0.2963



45.3139, 0.3537, 0.3100



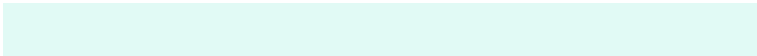
45.3139, 0.3807, 0.3561

Sweetspot

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



45.3157, 0.2721, 0.3478



90.8976, 0.3000, 0.3339



44.6207, 0.3183, 0.4289



19.3728, 0.2983, 0.3346



97.7402, 0.3127, 0.3290



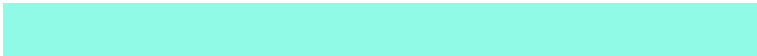
20.4902, 0.3127, 0.3290

Same Dimension

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



45.3157, 0.2721, 0.3478



80.0095, 0.2647, 0.3527



37.6445, 0.2601, 0.2993



11.3938, 0.3010, 0.3335



26.9645, 0.2421, 0.3914



1.1739, 0.2377, 0.3758

Inverse Universe

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



27.7289, 0.3781, 0.3114



43.2672, 0.4002, 0.3074



32.9848, 0.3848, 0.3566



10.1092, 0.3259, 0.3245



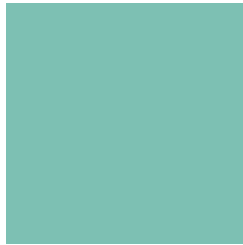
7.6408, 0.6068, 0.3116



0.3399, 0.5458, 0.2780

Previews

White Background



This preview shows how the Yxy color 45.3139, 0.2721, 0.3478 looks on a white background.

Color Contrast Check

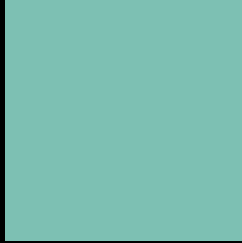
Large Text (above 18pt) WCAG AA × Fail

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 45.3139, 0.2721, 0.3478 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

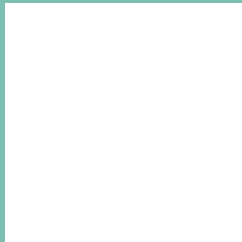
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3139, 0.2721, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 45.3139, 0.2721, 0.3478.



This preview shows how white text looks on a background with the Yxy color 45.3139, 0.2721, 0.3478.

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

45.3139, 0.2721, 0.3478

Protanopia

44.9714, 0.3237, 0.3383

Deuteranopia

44.7754, 0.3231, 0.3163



Tritanopia

45.1035, 0.2604, 0.3080

Trichromacy



Original Color

45.3139, 0.2721, 0.3478

Protanomaly

44.7095, 0.3030, 0.3414

Deuteranomaly

44.4549, 0.3018, 0.3263

Tritanomaly

44.9574, 0.2647, 0.3218

Monochromacy



Original Color

45.3139, 0.2721, 0.3478

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

42.1662, 0.2956, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3139, 0.2721, 0.3478 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(125, 192, 179)` looks like.

```
.text, #text, p{  
    color:rgb(125, 192, 179)  
}
```

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(125, 192, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 192, 179) }
```

Border

The CSS property to change the border of an element to Yxy 45.3139, 0.2721, 0.3478 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(125, 192, 179) }
```

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

```
.border{ border-color:rgb(125, 192, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 192, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 192, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 192, 179);  
box-shadow:4px 4px 4px 4px rgb(125, 192,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3139, 0.2721, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 192, 179) }
```

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

```
.background{ background-color: rgb(125,  
192, 179) }
```

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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