

Converting Colors

$Y_{xy}(42.0579, 0.2640, 0.3378)$

Have a look what the booklet for
Yxy(42.0579, 0.2640, 0.3378)
contains.

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Color

Yxy(42.0579, 0.2640, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	73BAB4
RGB	115, 186, 180
RGB Percent	45%, 73%, 71%
CMY	0.5490, 0.2706, 0.2940
CMYK	0.38, 0.00, 0.03, 0.27
HSL	175°, 34%, 59%
HSV	175°, 38%, 73%
XYZ	32.8694, 42.0579, 49.5780
YIQ	164.0870, -40.3900, -16.9180

Conversions

Conversions Part 2

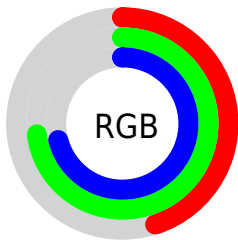
Format	Color
R _Y B	115, 152, 186
Decimal	7584436
CIE Lab	70.91, -23.66, -4.02
CIE LCh	71, 23.997, 189.641
Yxy	42.0579, 0.2640, 0.3378
Android (android.graphics.Color)	4285774516 (0xFF73BAB4)
YUV	164.0870, 7.8451, -43.0493
Hunter-Lab	64.8521, -23.0208, 0.0705

Details

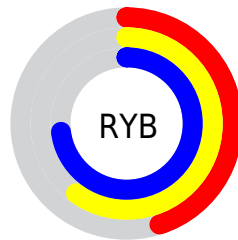
The Yxy color **42.0579, 0.2640, 0.3378** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.0817, 0.3974, 0.3208**, and the grayscale version is **37.1461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1064, 0.2728, 0.3357**, and **19.2995, 0.2503, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **40.8597, 0.2542, 0.3405**, and if you desaturate by 10%, it is **43.5145, 0.2753, 0.3353**.

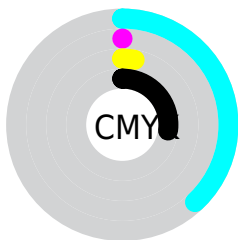
Distribution



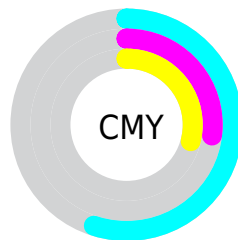
- Red (45%)
- Green (73%)
- Blue (71%)



- Red (45%)
- Yellow (60%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0579, 0.2640, 0.3378 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 42.0579, 0.2640, 0.3378 by changing the saturation by 10% instead.


 42.0579, 0.2640,
0.3378

 42.0579, 0.2640,
0.3378


354.7229, 0.2885,
0.3336

 29.1466, 0.2578,
0.3388


 78.2872, 0.2729,
0.3364

 19.1918, 0.2499,
0.3399


 102.3741, 0.2763,
0.3358

 11.8089, 0.2394,
0.3414


 130.9550, 0.2791,
0.3353

 6.6137, 0.2246,
0.3432

164.4142, 0.2815,
0.3349

 3.2217, 0.2026,
0.3454

203.1362, 0.2836,
0.3345

 1.2486, 0.1601,
0.3504

247.5054, 0.2855,

 0.1008, 0.0000,

0.3342

0.2051

297.9062, 0.2871,
0.3339

0.0000, 0.0000,
0.0000

42.0579, 0.2640,
0.3378

42.0579, 0.2640,
0.3378

40.8597, 0.2542,
0.3405

43.5145, 0.2753,
0.3353

39.8997, 0.2461,
0.3432

45.2387, 0.2878,
0.3329

39.1622, 0.2399,
0.3461

47.2452, 0.3012,
0.3307

38.6282, 0.2355,
0.3489

49.5462, 0.3153,
0.3286


38.2749, 0.2330,
0.3518

52.1533, 0.3298,
0.3268


 38.0663, 0.2321,
0.3546

 55.0772, 0.3445,
0.3252

 38.0334, 0.2320,
0.3551

 58.3284, 0.3591,
0.3238

 60.2083, 0.3661,
0.3223

 60.2784, 0.3647,
0.3207

Harmonies

Analogous

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



42.0579, 0.2917, 0.3695



42.0579, 0.2640, 0.3378



42.0579, 0.2494, 0.3054

Triad

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



42.0579, 0.2640, 0.3378



42.0579, 0.2965, 0.2766



42.0579, 0.3784, 0.3726

Complementary

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



42.0579, 0.2640, 0.3378



24.0817, 0.3974, 0.3208

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.



42.0579, 0.3805, 0.3465



42.0579, 0.2640, 0.3378



42.0579, 0.3317, 0.2930

Square

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



42.0579, 0.2640, 0.3378



42.0579, 0.2673, 0.2724



42.0579, 0.3631, 0.3179



42.0579, 0.3580, 0.3890

Rectangle

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



42.0579, 0.2640, 0.3378



42.0579, 0.2484, 0.2885



42.0579, 0.3631, 0.3179



42.0579, 0.3813, 0.3646

Sweetspot

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



42.0596, 0.2640, 0.3378



84.4833, 0.2971, 0.3313



40.5012, 0.3128, 0.4416



18.4936, 0.2952, 0.3316



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.0596, 0.2640, 0.3378



74.3395, 0.2555, 0.3401



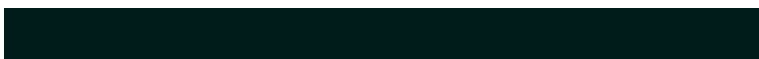
31.5086, 0.2539, 0.2847



10.1972, 0.2996, 0.3309



25.5929, 0.2319, 0.3547



0.9061, 0.2298, 0.3474

Inverse Universe

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



24.0817, 0.3974, 0.3208



37.0037, 0.4272, 0.3191



31.4433, 0.3900, 0.3690



9.0242, 0.3275, 0.3271



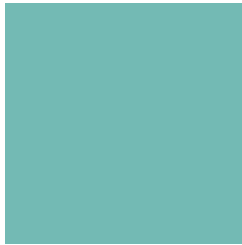
7.0524, 0.6291, 0.3239



0.2528, 0.5896, 0.3021

Previews

White Background



This preview shows how the Yxy color 42.0579, 0.2640, 0.3378 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 42.0579, 0.2640, 0.3378 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

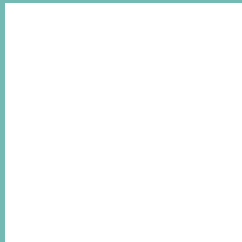
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0579, 0.2640, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 42.0579, 0.2640, 0.3378.

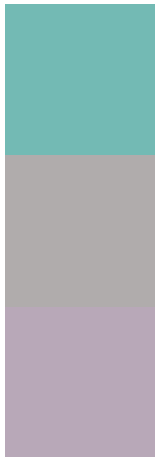


This preview shows how white text looks on a background with the Yxy color 42.0579, 0.2640, 0.3378.

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

42.0579, 0.2640, 0.3378

Protanopia

41.7137, 0.3163, 0.3290

Deuteranopia

41.6563, 0.3137, 0.3080



Tritanopia

41.9373, 0.2555, 0.3072

Trichromacy



Original Color

42.0579, 0.2640, 0.3378

Protanomaly

41.4095, 0.2947, 0.3318

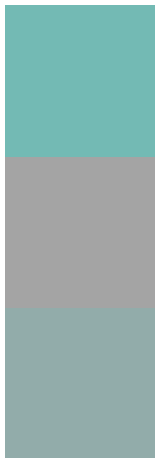
Deuteranomaly

41.4498, 0.2927, 0.3178

Tritanomaly

41.8941, 0.2587, 0.3186

Monochromacy



Original Color

42.0579, 0.2640, 0.3378

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.5183, 0.2918, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0579, 0.2640, 0.3378 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(115, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(115, 186, 180)  
}
```

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(115, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 186, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.0579, 0.2640, 0.3378 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(115, 186, 180) }
```

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

```
.border{ border-color:rgb(115, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(115, 186,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0579, 0.2640, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 186, 180) }
```

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

```
.background{ background-color: rgb(115,  
186, 180) }
```

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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