

Converting Colors

$Yxy(41.0111, 0.2687, 0.3456)$

Have a look what the booklet for
Yxy(41.0111, 0.2687, 0.3456)
contains.

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Color

Yxy(41.0111, 0.2687, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	74B8AD
RGB	116, 184, 173
RGB Percent	45%, 72%, 68%
CMY	0.5451, 0.2784, 0.3216
CMYK	0.37, 0.00, 0.06, 0.28
HSL	170°, 32%, 59%
HSV	170°, 37%, 72%
XYZ	31.8857, 41.0111, 45.7696
YIQ	162.4140, -36.9970, -17.8370

Conversions

Conversions Part 2

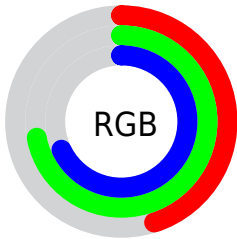
Format	Color
RYB	116, 153, 184
Decimal	7649453
CIELab	70.18, -24.06, -1.23
CIELCh	70, 24.092, 182.920
Yxy	41.0111, 0.2687, 0.3456
Android (android.graphics.Color)	4285839533 (0xFF74B8AD)
YUV	162.4140, 5.2189, -40.7051
Hunter-Lab	64.0399, -23.1942, 2.4531

Details

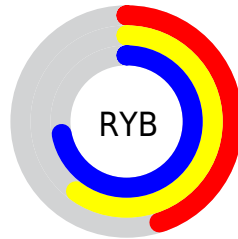
The Yxy color **41.0111, 0.2687, 0.3456** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.2147, 0.3864, 0.3135**, and the grayscale version is **36.3245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5795, 0.2773, 0.3427**, and **18.6698, 0.2557, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **39.7602, 0.2594, 0.3509**, and if you desaturate by 10%, it is **42.5176, 0.2794, 0.3406**.

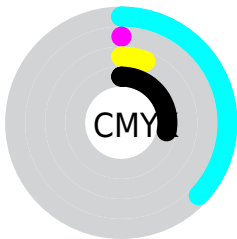
Distribution



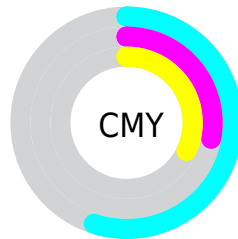
- Red (45%)
- Green (72%)
- Blue (68%)



- Red (45%)
- Yellow (60%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0111, 0.2687, 0.3456 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 41.0111, 0.2687, 0.3456 by changing the saturation by 10% instead.


 41.0111, 0.2687,
0.3456

 41.0111, 0.2687,
0.3456


350.3670, 0.2910,
0.3373


 28.3278, 0.2630,
0.3477


 76.7007, 0.2769,
0.3426

 18.5729, 0.2557,
0.3504


 100.4758, 0.2800,
0.3414

 11.3621, 0.2458,
0.3540


 128.7170, 0.2825,
0.3405

 6.3109, 0.2318,
0.3590

161.8085, 0.2847,
0.3396

 3.0350, 0.2107,
0.3664

200.1349, 0.2866,
0.3389

 1.1501, 0.1619,
0.3845

244.0805, 0.2883,

 0.0203, 0.0000,

0.3383

0.1585

294.0298, 0.2897,
0.3378

0.0000, 0.0000,
0.0000

41.0111, 0.2687,
0.3456

41.0111, 0.2687,
0.3456

39.7602, 0.2594,
0.3509

42.5176, 0.2794,
0.3406

38.7450, 0.2517,
0.3564

44.2885, 0.2911,
0.3360

37.9510, 0.2457,
0.3620

46.3379, 0.3037,
0.3317

37.3595, 0.2417,
0.3677


48.6777, 0.3167,
0.3279

36.9491, 0.2396,
0.3735

51.3190, 0.3301,
0.3244


 36.6896, 0.2391,
0.3792

 54.2724, 0.3435,
0.3213

 36.6231, 0.2391,
0.3809

 57.5479, 0.3568,
0.3186

 59.5654, 0.3629,
0.3158

 59.7031, 0.3603,
0.3127

Harmonies

Analogous

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



41.0111, 0.2989, 0.3759



41.0111, 0.2687, 0.3456



41.0111, 0.2506, 0.3119

Triad

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



41.0111, 0.2687, 0.3456



41.0111, 0.2888, 0.2739



41.0111, 0.3814, 0.3677

Complementary

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



41.0111, 0.2687, 0.3456



24.2147, 0.3864, 0.3135

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.



41.0111, 0.3790, 0.3401



41.0111, 0.2687, 0.3456



41.0111, 0.3239, 0.2879

Square

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



41.0111, 0.2687, 0.3456



41.0111, 0.2617, 0.2726



41.0111, 0.3575, 0.3116



41.0111, 0.3645, 0.3873

Rectangle

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



41.0111, 0.2687, 0.3456



41.0111, 0.2472, 0.2931



41.0111, 0.3575, 0.3116



41.0111, 0.3829, 0.3591

Sweetspot

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



41.0127, 0.2687, 0.3456



82.3629, 0.2983, 0.3335



40.0813, 0.3166, 0.4361



17.6482, 0.2966, 0.3341



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.0127, 0.2687, 0.3456



72.5390, 0.2613, 0.3497



32.7816, 0.2568, 0.2937



10.1850, 0.3006, 0.3327



25.2481, 0.2390, 0.3802



0.8968, 0.2349, 0.3655

Inverse Universe

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



24.2147, 0.3864, 0.3135



37.8313, 0.4102, 0.3103



29.8215, 0.3891, 0.3614



9.0353, 0.3263, 0.3253



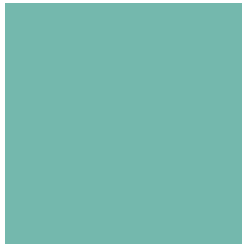
7.0940, 0.6143, 0.3158



0.2575, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 41.0111, 0.2687, 0.3456 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 41.0111, 0.2687, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

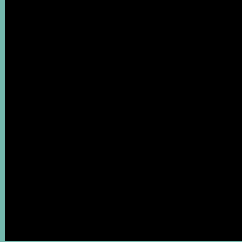
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

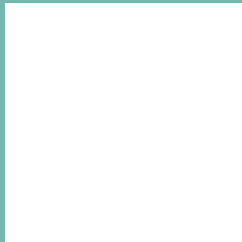
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0111, 0.2687, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 41.0111, 0.2687, 0.3456.



This preview shows how white text looks on a background with the Yxy color 41.0111, 0.2687, 0.3456.

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

41.0111, 0.2687, 0.3456

Protanopia

40.5800, 0.3215, 0.3359

Deuteranopia

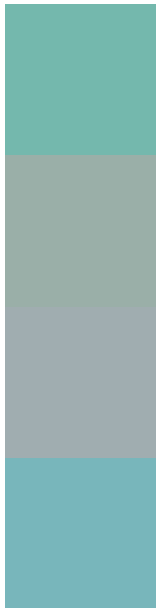
40.7610, 0.3208, 0.3145



Tritanopia

41.1255, 0.2581, 0.3086

Trichromacy



Original Color

41.0111, 0.2687, 0.3456

Protanomaly

40.3571, 0.3001, 0.3390

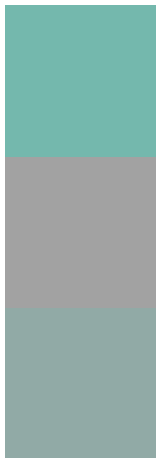
Deuteranomaly

40.4953, 0.2989, 0.3247

Tritanomaly

41.0368, 0.2620, 0.3215

Monochromacy



Original Color

41.0111, 0.2687, 0.3456

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.5224, 0.2940, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0111, 0.2687, 0.3456 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(116, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(116, 184, 173)  
}
```

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(116, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.0111, 0.2687, 0.3456 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(116, 184, 173) }
```

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

```
.border{ border-color:rgb(116, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(116, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0111, 0.2687, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 184, 173) }
```

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

```
.background{ background-color: rgb(116,  
184, 173) }
```

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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