

Converting Colors

$Yxy(34.9525, 0.2740, 0.3428)$

Have a look what the booklet for
Yxy(34.9525, 0.2740, 0.3428)
contains.

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Color

Yxy(35.0357, 0.2745, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	74AAA1
RGB	116, 170, 161
RGB Percent	45%, 67%, 63%
CMY	0.5449, 0.3333, 0.3686
CMYK	0.32, 0.00, 0.05, 0.33
HSL	170°, 24%, 56%
HSV	170°, 32%, 67%
XYZ	28.0143, 35.0357, 39.0057
YIQ	152.8280, -29.2950, -14.2470

Conversions

Conversions Part 2

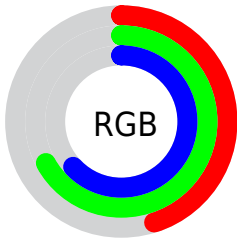
Format	Color
RYB	116, 145, 170
Decimal	7645857
CIELab	65.78, -19.74, -1.05
CIElCh	66, 19.763, 183.042
Yxy	35.0357, 0.2745, 0.3433
Android (android.graphics.Color)	4285835937 (0xFF74AAA1)
YUV	152.8280, 4.0288, -32.2982
Hunter-Lab	59.1910, -19.1026, 2.3627

Details

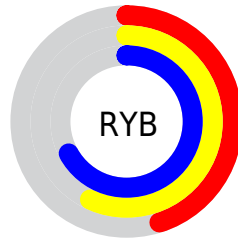
The Yxy color **35.0357, 0.2745, 0.3433** is a light color, and the websafe version is hex **669999**. A complement of this color would be **22.5273, 0.3715, 0.3154**, and the grayscale version is **31.7725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3543, 0.2819, 0.3397**, and **15.2065, 0.2622, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **33.8774, 0.2645, 0.3485**, and if you desaturate by 10%, it is **36.4123, 0.2857, 0.3384**.

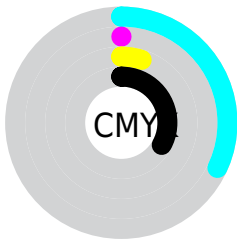
Distribution



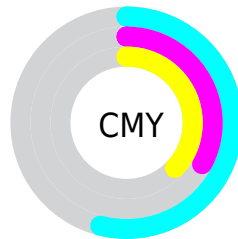
- Red (45%)
- Green (67%)
- Blue (63%)



- Red (45%)
- Yellow (57%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)




- Cyan (54%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0357, 0.2745, 0.3433 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 35.0357, 0.2745, 0.3433 by changing the saturation by 10% instead.


 35.0357, 0.2745,
0.3433


 35.0357, 0.2745,
0.3433

324.7259, 0.2944,
0.3359


 23.6904, 0.2693,
0.3452


 67.5411, 0.2819,
0.3406

 15.1041, 0.2623,
0.3477


 89.4699, 0.2847,
0.3395

 8.8925, 0.2528,
0.3512


 115.6954, 0.2870,
0.3387

 4.6711, 0.2389,
0.3561

146.6018, 0.2889,
0.3380

 2.0556, 0.2168,
0.3638

182.5737, 0.2906,
0.3374

 0.6395, 0.0821,
0.4166

223.9955, 0.2920,

 0.0000, 0.0000,

0.3368

0.0000

271.2514, 0.2933,
0.3363

■ 35.0357, 0.2745,
0.3433

■ 35.0357, 0.2745,
0.3433

■ 33.8774, 0.2645,
0.3485

■ 36.4123, 0.2857,
0.3384

■ 32.9216, 0.2560,
0.3541

■ 38.0136, 0.2977,
0.3338

■ 32.1568, 0.2491,
0.3598

■ 39.8513, 0.3105,
0.3297

■ 31.5688, 0.2441,
0.3656

■ 41.9347, 0.3236,
0.3259

■ 31.1415, 0.2409,
0.3715

■ 44.2727, 0.3368,
0.3226

■ 30.8555, 0.2396,
0.3774

■ 46.8738, 0.3500,
0.3196

■ 30.6909, 0.2395,
0.3822

■ 49.7460, 0.3630,
0.3170

■ 52.8972, 0.3757,
0.3147

■ 53.5745, 0.3757,
0.3119

Harmonies

Analogous

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



35.0357, 0.3008, 0.3691



35.0357, 0.2745, 0.3433



35.0357, 0.2586, 0.3144

Triad

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



35.0357, 0.2745, 0.3433



35.0357, 0.2922, 0.2809



35.0357, 0.3721, 0.3631

Complementary

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



35.0357, 0.2745, 0.3433



22.5273, 0.3715, 0.3154

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.



35.0357, 0.3700, 0.3391



35.0357, 0.2745, 0.3433



35.0357, 0.3226, 0.2932

Square

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



35.0357, 0.2745, 0.3433



35.0357, 0.2685, 0.2800



35.0357, 0.3515, 0.3141



35.0357, 0.3575, 0.3796

Rectangle

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



35.0357, 0.2745, 0.3433



35.0357, 0.2556, 0.2981



35.0357, 0.3515, 0.3141



35.0357, 0.3733, 0.3556

Sweetspot

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



35.0371, 0.2745, 0.3433



69.4661, 0.2997, 0.3332



34.3723, 0.3163, 0.4183



15.3952, 0.2980, 0.3338



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.0371, 0.2745, 0.3433



62.0719, 0.2674, 0.3469



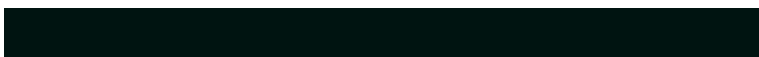
29.0780, 0.2647, 0.2996



8.5103, 0.3008, 0.3328



22.5848, 0.2393, 0.3816



0.5550, 0.2340, 0.3623

Inverse Universe

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



22.5273, 0.3715, 0.3154



35.8069, 0.3903, 0.3124



26.8649, 0.3750, 0.3565



7.5620, 0.3260, 0.3253



6.3553, 0.6123, 0.3147



0.1604, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 35.0357, 0.2745, 0.3433 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 35.0357, 0.2745, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

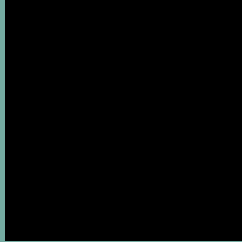
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0357, 0.2745, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 35.0357, 0.2745, 0.3433.

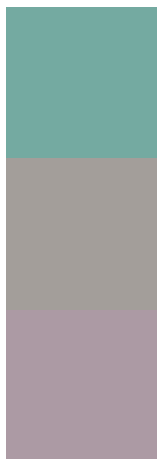


This preview shows how white text looks on a background with the Yxy color 35.0357, 0.2745, 0.3433.

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

35.0357, 0.2745, 0.3433

Protanopia

34.5733, 0.3212, 0.3349

Deuteranopia

34.5622, 0.3213, 0.3149



Tritanopia

34.9977, 0.2643, 0.3089

Trichromacy



Original Color

35.0357, 0.2745, 0.3433

Protanomaly

34.3860, 0.3021, 0.3366

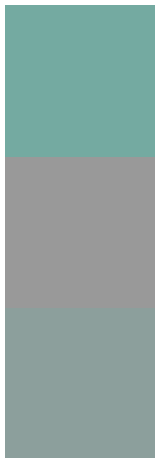
Deuteranomaly

34.4614, 0.3025, 0.3245

Tritanomaly

34.9443, 0.2679, 0.3211

Monochromacy



Original Color

35.0357, 0.2745, 0.3433

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.7720, 0.2974, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0357, 0.2745, 0.3433 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, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(116, 170, 161)  
}
```

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, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 170, 161) }
```

Border

The CSS property to change the border of an element to Yxy 35.0357, 0.2745, 0.3433 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, 170, 161) }
```

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

```
.border{ border-color:rgb(116, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(116, 170,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0357, 0.2745, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 170, 161) }
```

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

```
.background{ background-color: rgb(116,  
170, 161) }
```

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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