

Converting Colors

$Yxy(35.1341, 0.2906, 0.3766)$

Have a look what the booklet for
Yxy(35.1341, 0.2906, 0.3766)
contains.

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Color

Yxy(35.0008, 0.2910, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	77AB8E
RGB	119, 171, 142
RGB Percent	47%, 67%, 56%
CMY	0.5333, 0.3294, 0.4432
CMYK	0.30, 0.00, 0.17, 0.33
HSL	146°, 24%, 57%
HSV	146°, 30%, 67%
XYZ	27.0524, 35.0008, 30.9104
YIQ	152.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

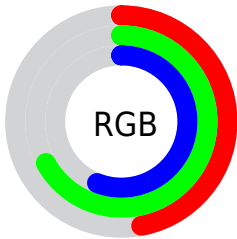
Format	Color
RYB	119, 155, 171
Decimal	7842702
CIELab	65.75, -23.47, 9.50
CIELCh	66, 25.322, 157.960
Yxy	35.0008, 0.2910, 0.3765
Android (android.graphics.Color)	4286032782 (0xFF77AB8E)
YUV	152.1460, -5.0020, -29.0690
Hunter-Lab	59.1615, -21.9110, 10.4355

Details

The Yxy color **35.0008, 0.2910, 0.3765** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.9939, 0.3426, 0.2860**, and the grayscale version is **31.4955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6943, 0.2950, 0.3668**, and **14.9585, 0.2826, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **33.6245, 0.2849, 0.3954**, and if you desaturate by 10%, it is **36.6222, 0.2978, 0.3592**.

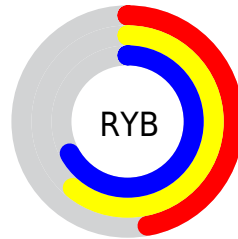
Distribution



Red (47%)

Green (67%)

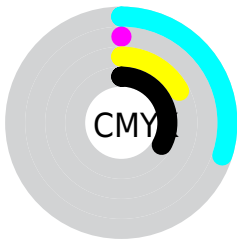
Blue (56%)



Red (47%)

Yellow (61%)

Blue (67%)

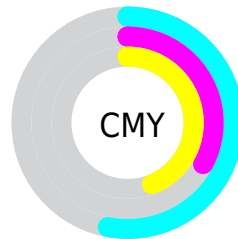


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0008, 0.2910, 0.3765 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 35.0008, 0.2910, 0.3765 by changing the saturation by 10% instead.


 35.0008, 0.2910,
0.3765


 35.0008, 0.2910,
0.3765


324.5719, 0.3027,
0.3508


 23.6635, 0.2877,
0.3836


 67.4870, 0.2955,
0.3667

 15.0842, 0.2833,
0.3932


 89.4047, 0.2971,
0.3631

 8.8785, 0.2771,
0.4069


 115.6180, 0.2985,
0.3602

 4.6620, 0.2674,
0.4279

146.5112, 0.2996,
0.3577

 2.0504, 0.2508,
0.4640

182.4688, 0.3006,
0.3556

 0.6365, 0.0459,
0.9129

223.8752, 0.3014,

 0.0000, 0.0000,

0.3538

0.0000

271.1148, 0.3021,
0.3522

■ 35.0008, 0.2910,
0.3765

■ 35.0008, 0.2910,
0.3765

■ 33.6245, 0.2849,
0.3954

■ 36.6222, 0.2978,
0.3592

■ 32.4768, 0.2797,
0.4156

■ 38.4959, 0.3050,
0.3435

■ 31.5456, 0.2759,
0.4367


■ 40.6339, 0.3124,
0.3295


■ 30.8161, 0.2736,
0.4584


■ 43.0462, 0.3198,
0.3171

■ 30.2715, 0.2732,
0.4798


■ 45.7424, 0.3271,
0.3061


 29.8921, 0.2747,
0.5004

 48.7315, 0.3341,
0.2965

 29.6426, 0.2775,
0.5188

 52.0222, 0.3409,
0.2881

 55.4680, 0.3466,
0.2806

 55.9835, 0.3384,
0.2715

Harmonies

Analogous

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



35.0008, 0.3295, 0.3971



35.0008, 0.2910, 0.3765



35.0008, 0.2596, 0.3409

Triad

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



35.0008, 0.2910, 0.3765



35.0008, 0.2605, 0.2661



35.0008, 0.3883, 0.3463

Complementary

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



35.0008, 0.2910, 0.3765



23.9939, 0.3426, 0.2860

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.



35.0008, 0.3676, 0.3147



35.0008, 0.2910, 0.3765



35.0008, 0.2923, 0.2701

Square

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



35.0008, 0.2910, 0.3765



35.0008, 0.2430, 0.2775



35.0008, 0.3317, 0.2876



35.0008, 0.3870, 0.3760

Rectangle

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



35.0008, 0.2910, 0.3765



35.0008, 0.2464, 0.3156



35.0008, 0.3317, 0.2876



35.0008, 0.3837, 0.3356

Sweetspot

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



35.0022, 0.2910, 0.3765



69.3914, 0.3059, 0.3417



36.7997, 0.3356, 0.4091



15.3600, 0.3049, 0.3438



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.



35.0022, 0.2910, 0.3765



61.0969, 0.2871, 0.3881



35.8600, 0.2722, 0.3343



8.9959, 0.3058, 0.3419



22.3552, 0.2770, 0.5170



0.6330, 0.2600, 0.4560

Inverse Universe

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



23.9939, 0.3426, 0.2860



38.4169, 0.3509, 0.2769



23.2714, 0.3749, 0.3239



8.0874, 0.3202, 0.3164



7.1669, 0.4684, 0.2354



0.2101, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 35.0008, 0.2910, 0.3765 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 35.0008, 0.2910, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

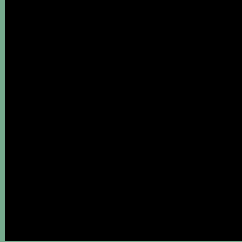
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0008, 0.2910, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 35.0008, 0.2910, 0.3765.



This preview shows how white text looks on a background with the Yxy color 35.0008, 0.2910, 0.3765.

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

35.0008, 0.2910, 0.3765

Protanopia

34.7893, 0.3420, 0.3630

Deuteranopia

34.4415, 0.3462, 0.3390



Tritanopia

35.0391, 0.2693, 0.3091

Trichromacy



Original Color

35.0008, 0.2910, 0.3765

Protanomaly

34.5134, 0.3223, 0.3676

Deuteranomaly

34.3540, 0.3233, 0.3516

Tritanomaly

35.0435, 0.2766, 0.3320

Monochromacy



Original Color

35.0008, 0.2910, 0.3765

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.5098, 0.3043, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0008, 0.2910, 0.3765 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, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(119, 171, 142)  
}
```

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, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 171, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.0008, 0.2910, 0.3765 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, 171, 142) }
```

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

```
.border{ border-color:rgb(119, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(119, 171,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0008, 0.2910, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 171, 142) }
```

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

```
.background{ background-color: rgb(119,  
171, 142) }
```

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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