

Converting Colors

$Y_{xy}(35.4271, 0.2746, 0.3320)$

Have a look what the booklet for
Yxy(35.4271, 0.2746, 0.3320)
contains.

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Color

Yxy(35.3035, 0.2745, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	7AA9A7
RGB	122, 169, 167
RGB Percent	48%, 66%, 65%
CMY	0.5216, 0.3372, 0.3450
CMYK	0.28, 0.00, 0.01, 0.34
HSL	177°, 21%, 57%
HSV	177°, 28%, 66%
XYZ	29.1892, 35.3035, 41.8432
YIQ	154.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

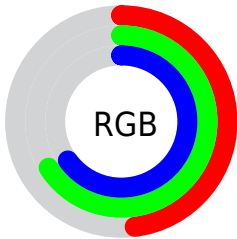
Format	Color
RYB	122, 146, 169
Decimal	8038823
CIELab	65.98, -16.04, -4.05
CIElCh	66, 16.548, 194.184
Yxy	35.3035, 0.2745, 0.3320
Android (android.graphics.Color)	4286228903 (0xFF7AA9A7)
YUV	154.7190, 6.0545, -28.6946
Hunter-Lab	59.4167, -16.2890, -0.1622

Details

The Yxy color **35.3035, 0.2745, 0.3320** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.8071, 0.3693, 0.3261**, and the grayscale version is **32.6298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8153, 0.2821, 0.3313**, and **15.3000, 0.2627, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **34.1504, 0.2628, 0.3332**, and if you desaturate by 10%, it is **36.6741, 0.2874, 0.3308**.

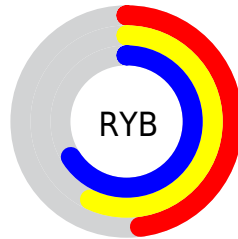
Distribution



Red (48%)

Green (66%)

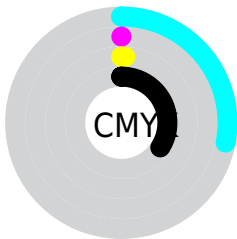
Blue (65%)



Red (48%)

Yellow (57%)

Blue (66%)

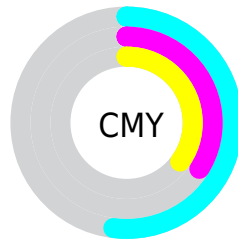


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (52%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3035, 0.2745, 0.3320 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 35.3035, 0.2745, 0.3320 by changing the saturation by 10% instead.


 35.3035, 0.2745,
0.3320


 35.3035, 0.2745,
0.3320


325.9059, 0.2943,
0.3307

 23.8968, 0.2693,
0.3323


 67.9557, 0.2819,
0.3316

 15.2571, 0.2625,
0.3326


 89.9699, 0.2846,
0.3314

 9.0000, 0.2532,
0.3329


 116.2887, 0.2869,
0.3312

 4.7412, 0.2397,
0.3331

147.2966, 0.2888,
0.3311

 2.0962, 0.2184,
0.3330

183.3778, 0.2905,
0.3310

 0.6625, 0.1249,
0.3476

224.9169, 0.2919,

 0.0000, 0.0000,

0.3309

0.0000

272.2981, 0.2932,
0.3308

■ 35.3035, 0.2745,
0.3320

■ 35.3035, 0.2745,
0.3320

■ 34.1504, 0.2628,
0.3332

■ 36.6741, 0.2874,
0.3308

■ 33.1995, 0.2527,
0.3345

■ 38.2683, 0.3013,
0.3298

■ 32.4400, 0.2442,
0.3359

■ 40.0971, 0.3160,
0.3288

■ 31.8586, 0.2376,
0.3372

■ 42.1696, 0.3310,
0.3279

■ 31.4402, 0.2329,
0.3386

■ 44.4944, 0.3462,
0.3271

■ 31.1671, 0.2299,
0.3400

■ 47.0797, 0.3614,
0.3264

■ 31.0105, 0.2285,
0.3413

■ 49.9332, 0.3763,
0.3258

■ 30.9811, 0.2282,
0.3416

■ 52.6439, 0.3890,
0.3253

■ 52.6716, 0.3883,
0.3245

Harmonies

Analogous

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



35.3035, 0.2940, 0.3552



35.3035, 0.2745, 0.3320



35.3035, 0.2651, 0.3091

Triad

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



35.3035, 0.2745, 0.3320



35.3035, 0.3048, 0.2913



35.3035, 0.3593, 0.3639

Complementary

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



35.3035, 0.2745, 0.3320



23.8071, 0.3693, 0.3261

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.



35.3035, 0.3628, 0.3457



35.3035, 0.2745, 0.3320



35.3035, 0.3306, 0.3048

Square

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



35.3035, 0.2745, 0.3320



35.3035, 0.2821, 0.2868



35.3035, 0.3521, 0.3243



35.3035, 0.3430, 0.3736

Rectangle

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



35.3035, 0.2745, 0.3320



35.3035, 0.2656, 0.2973



35.3035, 0.3521, 0.3243



35.3035, 0.3620, 0.3585

Sweetspot

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



35.3049, 0.2745, 0.3320



68.4335, 0.3009, 0.3298



34.0928, 0.3111, 0.4070



14.8196, 0.2988, 0.3300



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.3049, 0.2745, 0.3320



61.9868, 0.2676, 0.3327



28.1339, 0.2697, 0.2946



8.5265, 0.2992, 0.3299



23.0910, 0.2282, 0.3415



0.5634, 0.2269, 0.3370

Inverse Universe

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



23.8071, 0.3693, 0.3261



38.1542, 0.3859, 0.3255



29.5295, 0.3634, 0.3610



7.5473, 0.3279, 0.3281



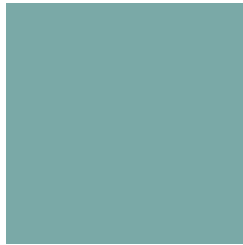
6.3003, 0.6343, 0.3268



0.1548, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 35.3035, 0.2745, 0.3320 looks on a white background.

Color Contrast Check

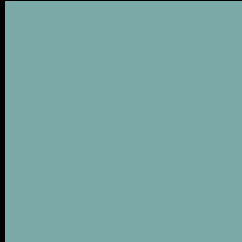
Large Text (above 18pt) WCAG AA × Fail

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 35.3035, 0.2745, 0.3320 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 35.3035, 0.2745, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 35.3035, 0.2745, 0.3320.

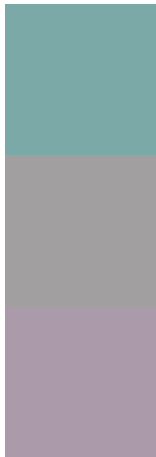


This preview shows how white text looks on a background with the Yxy color 35.3035, 0.2745, 0.3320.

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

35.3035, 0.2745, 0.3320

Protanopia

35.0509, 0.3138, 0.3261

Deuteranopia

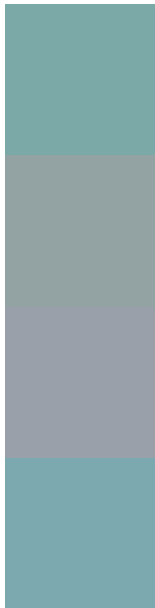
35.0029, 0.3147, 0.3079



Tritanopia

35.2927, 0.2672, 0.3091

Trichromacy



Original Color

35.3035, 0.2745, 0.3320

Protanomaly

35.0418, 0.2980, 0.3290

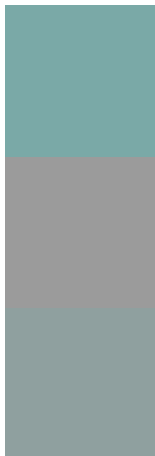
Deuteranomaly

34.7785, 0.2984, 0.3157

Tritanomaly

35.3855, 0.2702, 0.3181

Monochromacy



Original Color

35.3035, 0.2745, 0.3320

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.4845, 0.2976, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3035, 0.2745, 0.3320 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(122, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(122, 169, 167)  
}
```

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(122, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 169, 167) }
```

Border

The CSS property to change the border of an element to Yxy 35.3035, 0.2745, 0.3320 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(122, 169, 167) }
```

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

```
.border{ border-color:rgb(122, 169, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 169, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(122, 169,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3035, 0.2745, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 169, 167) }
```

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

```
.background{ background-color: rgb(122,  
169, 167) }
```

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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