

Converting Colors

$Yxy(35.4327, 0.2846, 0.3242)$

Have a look what the booklet for
Yxy(35.4327, 0.2846, 0.3242)
contains.

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Color

Yxy(35.4554, 0.2846, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	89A6A9
RGB	137, 166, 169
RGB Percent	54%, 65%, 66%
CMY	0.4630, 0.3489, 0.3373
CMYK	0.19, 0.02, 0.00, 0.34
HSL	186°, 16%, 60%
HSV	186°, 19%, 66%
XYZ	31.1054, 35.4554, 42.7345
YIQ	157.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

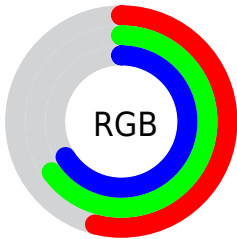
Format	Color
R_{YB}	137, 152, 169
Decimal	9021097
CIE _{Lab}	66.10, -9.32, -4.88
CIE _{LCh}	66, 10.522, 207.616
Yxy	35.4554, 0.2846, 0.3244
Android (android.graphics.Color)	4287211177 (0xFF89A6A9)
YUV	157.6710, 5.5852, -18.1285
Hunter-Lab	59.5444, -10.9561, -0.8708

Details

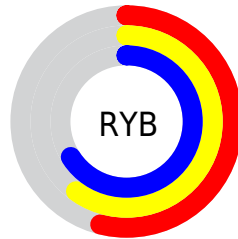
The Yxy color **35.4554, 0.2846, 0.3244** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9671, 0.3482, 0.3336**, and the grayscale version is **34.0112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1711, 0.2903, 0.3255**, and **15.2974, 0.2753, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **33.5737, 0.2709, 0.3217**, and if you desaturate by 10%, it is **37.5706, 0.2992, 0.3269**.

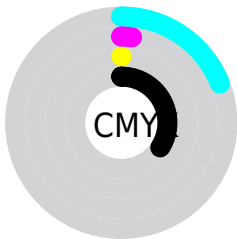
Distribution



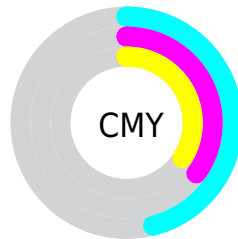
- Red (54%)
- Green (65%)
- Blue (66%)



- Red (54%)
- Yellow (60%)
- Blue (66%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4554, 0.2846, 0.3244 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 35.4554, 0.2846, 0.3244 by changing the saturation by 10% instead.

■ 35.4554, 0.2846,
0.3244

■ 35.4554, 0.2846,
0.3244

■ 326.5739, 0.2992,
0.3270

■ 24.0139, 0.2808,
0.3237

■ 68.1907, 0.2900,
0.3254

■ 15.3439, 0.2758,
0.3227

■ 90.2532, 0.2920,
0.3257

■ 9.0611, 0.2689,
0.3212

■ 116.6249, 0.2937,
0.3260

■ 4.7811, 0.2588,
0.3190

■ 147.6900, 0.2951,
0.3263

■ 2.1194, 0.2429,
0.3151

■ 183.8331, 0.2964,
0.3265

■ 0.6755, 0.1909,
0.3112

■ 225.4386, 0.2974,

■ 0.0000, 0.0000,

0.3267

0.0000

272.8907, 0.2984,
0.3268

■ 35.4554, 0.2846,
0.3244

■ 35.4554, 0.2846,
0.3244

■ 33.5737, 0.2709,
0.3217

■ 37.5706, 0.2992,
0.3269

■ 31.9108, 0.2583,
0.3188

■ 39.9246, 0.3143,
0.3292

■ 30.4567, 0.2470,
0.3158

■ 42.5281, 0.3297,
0.3313

■ 29.1994, 0.2374,
0.3127

■ 45.3897, 0.3451,
0.3332

■ 28.1251, 0.2296,
0.3096

■ 48.5177, 0.3604,
0.3349

■ 27.2186, 0.2237,
0.3064

■ 51.9199, 0.3754,
0.3364

■ 26.4617, 0.2195,
0.3033

■ 55.5604, 0.3896,
0.3376

■ 25.8201, 0.2169,
0.3002

■ 56.1824, 0.3891,
0.3393

■ 25.7557, 0.2166,
0.2999

■ 56.8115, 0.3885,
0.3409

Harmonies

Analogous

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



35.4554, 0.2946, 0.3393



35.4554, 0.2846, 0.3244



35.4554, 0.2819, 0.3113

Triad

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



35.4554, 0.2846, 0.3244



35.4554, 0.3152, 0.3079



35.4554, 0.3386, 0.3549

Complementary

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



35.4554, 0.2846, 0.3244



28.9671, 0.3482, 0.3336

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.



35.4554, 0.3445, 0.3457



35.4554, 0.2846, 0.3244



35.4554, 0.3308, 0.3188

Square

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



35.4554, 0.2846, 0.3244



35.4554, 0.2993, 0.3022



35.4554, 0.3417, 0.3325



35.4554, 0.3257, 0.3572

Rectangle

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



35.4554, 0.2846, 0.3244



35.4554, 0.2846, 0.3052



35.4554, 0.3417, 0.3325



35.4554, 0.3414, 0.3525

Sweetspot

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



35.4569, 0.2846, 0.3244



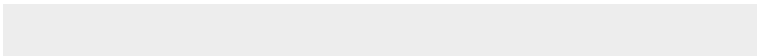
68.4572, 0.3035, 0.3276



35.5670, 0.3081, 0.3754



14.8657, 0.3025, 0.3275



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.



35.4569, 0.2846, 0.3244



61.9610, 0.2784, 0.3232



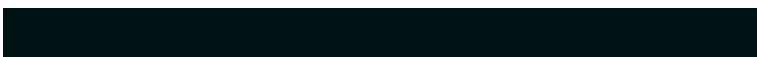
30.0833, 0.2832, 0.2998



8.4115, 0.2987, 0.3268



19.2397, 0.2167, 0.3002



0.5013, 0.2196, 0.3105

Inverse Universe

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



29.0612, 0.3179, 0.2870



48.3180, 0.3192, 0.2770



33.8926, 0.3440, 0.3566



7.6545, 0.3151, 0.3088



8.0133, 0.3452, 0.1675



0.1983, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 35.4554, 0.2846, 0.3244 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 35.4554, 0.2846, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

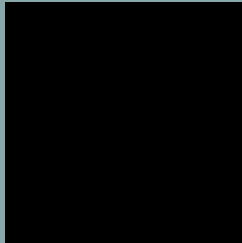
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

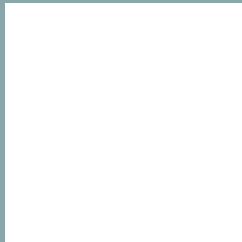
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4554, 0.2846, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 35.4554, 0.2846, 0.3244.



This preview shows how white text looks on a background with the Yxy color 35.4554, 0.2846, 0.3244.

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

35.4554, 0.2846, 0.3244

Protanopia

35.1943, 0.3103, 0.3203

Deuteranopia

35.3751, 0.3137, 0.3080



Tritanopia

35.6136, 0.2793, 0.3095

Trichromacy



Original Color

35.4554, 0.2846, 0.3244

Protanomaly

35.3661, 0.3009, 0.3231

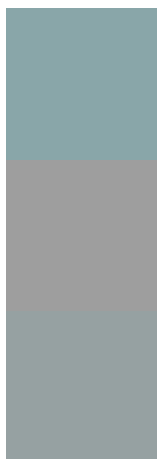
Deuteranomaly

35.4148, 0.3030, 0.3145

Tritanomaly

35.4087, 0.2808, 0.3139

Monochromacy



Original Color

35.4554, 0.2846, 0.3244

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5824, 0.3015, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4554, 0.2846, 0.3244 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(137, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 166, 169)  
}
```

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(137, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 166, 169) }
```

Border

The CSS property to change the border of an element to Yxy 35.4554, 0.2846, 0.3244 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(137, 166, 169) }
```

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

```
.border{ border-color:rgb(137, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(137, 166,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4554, 0.2846, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 166, 169) }
```

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

```
.background{ background-color: rgb(137,  
166, 169) }
```

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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