

Converting Colors

$Y_{xy}(36.0719, 0.2854, 0.3251)$

Have a look what the booklet for
Yxy(36.0719, 0.2854, 0.3251)
contains.

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Color

Yxy(36.0287, 0.2856, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	8BA7AA
RGB	139, 167, 170
RGB Percent	55%, 65%, 67%
CMY	0.4550, 0.3451, 0.3333
CMYK	0.18, 0.02, 0.00, 0.33
HSL	186°, 15%, 61%
HSV	186°, 18%, 67%
XYZ	31.7195, 36.0287, 43.3144
YIQ	158.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

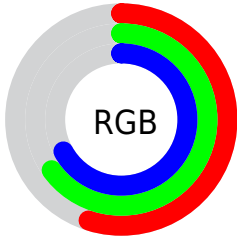
Format	Color
RYB	139, 154, 170
Decimal	9152426
CIELab	66.54, -8.97, -4.78
CIElCh	67, 10.161, 208.048
Yxy	36.0287, 0.2856, 0.3244
Android (android.graphics.Color)	4287342506 (0xFF8BA7AA)
YUV	158.9700, 5.4378, -17.5137
Hunter-Lab	60.0239, -10.7140, -0.7681

Details

The Yxy color **36.0287, 0.2856, 0.3244** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.7491, 0.3465, 0.3336**, and the grayscale version is **34.6365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0163, 0.2910, 0.3255**, and **15.6442, 0.2767, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **34.0812, 0.2718, 0.3216**, and if you desaturate by 10%, it is **38.2144, 0.3002, 0.3270**.

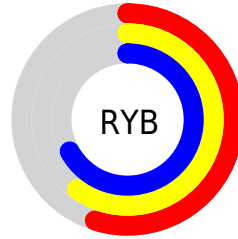
Distribution



Red (55%)

Green (65%)

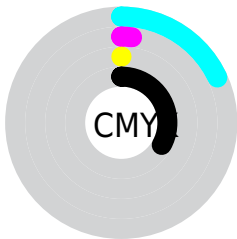
Blue (67%)



Red (55%)

Yellow (60%)

Blue (67%)

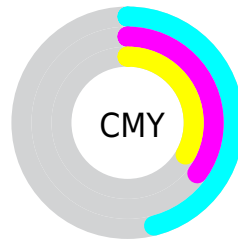


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (46%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0287, 0.2856, 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 36.0287, 0.2856, 0.3244 by changing the saturation by 10% instead.

 36.0287, 0.2856,
0.3244


 36.0287, 0.2856,
0.3244


329.0860, 0.2996,
0.3269


 24.4564, 0.2819,
0.3237


 69.0764, 0.2908,
0.3254

 15.6725, 0.2771,
0.3227


 91.3205, 0.2927,
0.3257

 9.2927, 0.2705,
0.3213


 117.8906, 0.2944,
0.3260

 4.9326, 0.2610,
0.3191

149.1712, 0.2957,
0.3263

 2.2078, 0.2459,
0.3154

185.5467, 0.2969,
0.3265

 0.7242, 0.2019,
0.3115

227.4014, 0.2979,

 0.0000, 0.0000,

0.3267

0.0000

275.1196, 0.2988,
0.3268

■ 36.0287, 0.2856,
0.3244

■ 36.0287, 0.2856,
0.3244

■ 34.0812, 0.2718,
0.3216

■ 38.2144, 0.3002,
0.3270

■ 32.3568, 0.2590,
0.3186

■ 40.6437, 0.3154,
0.3294

■ 30.8458, 0.2477,
0.3155

■ 43.3272, 0.3308,
0.3316

■ 29.5358, 0.2379,
0.3123

■ 46.2738, 0.3462,
0.3335

■ 28.4132, 0.2299,
0.3090

■ 49.4918, 0.3615,
0.3352

■ 27.4623, 0.2238,
0.3057

■ 52.9892, 0.3764,
0.3368

■ 26.6653, 0.2195,
0.3024

■ 56.2033, 0.3882,
0.3382

■ 25.9909, 0.2167,
0.2992

■ 56.8631, 0.3876,
0.3399

■ 25.8770, 0.2163,
0.2986

■ 57.5307, 0.3870,
0.3416

Harmonies

Analogous

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



36.0287, 0.2952, 0.3387



36.0287, 0.2856, 0.3244



36.0287, 0.2831, 0.3118

Triad

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



36.0287, 0.2856, 0.3244



36.0287, 0.3154, 0.3088



36.0287, 0.3374, 0.3540

Complementary

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



36.0287, 0.2856, 0.3244



29.7491, 0.3465, 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.



36.0287, 0.3432, 0.3452



36.0287, 0.2856, 0.3244



36.0287, 0.3303, 0.3194

Square

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



36.0287, 0.2856, 0.3244



36.0287, 0.3000, 0.3033



36.0287, 0.3406, 0.3326



36.0287, 0.3250, 0.3561

Rectangle

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



36.0287, 0.2856, 0.3244



36.0287, 0.2858, 0.3061



36.0287, 0.3406, 0.3326



36.0287, 0.3402, 0.3517

Sweetspot

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



36.0302, 0.2856, 0.3244



70.6751, 0.3050, 0.3278



36.1784, 0.3083, 0.3734



15.6952, 0.3040, 0.3276



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.



36.0302, 0.2856, 0.3244



63.8509, 0.2797, 0.3233



30.8160, 0.2844, 0.3010



8.4064, 0.2987, 0.3268



19.0790, 0.2164, 0.2990



0.4986, 0.2194, 0.3097

Inverse Universe

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



29.7964, 0.3178, 0.2888



50.4264, 0.3191, 0.2795



34.5503, 0.3427, 0.3555



7.6539, 0.3152, 0.3089



7.9971, 0.3463, 0.1682



0.1980, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 36.0287, 0.2856, 0.3244 looks on a white background.

Color Contrast Check

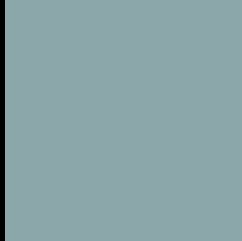
Large Text (above 18pt) WCAG AA × Fail

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 36.0287, 0.2856, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

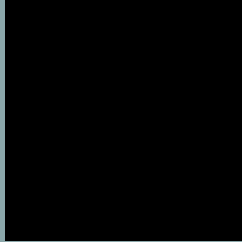
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

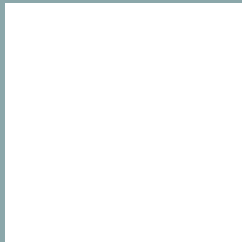
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0287, 0.2856, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 36.0287, 0.2856, 0.3244.



This preview shows how white text looks on a background with the Yxy color 36.0287, 0.2856, 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

36.0287, 0.2856, 0.3244

Protanopia

36.0294, 0.3102, 0.3218

Deuteranopia

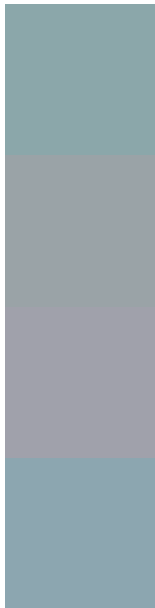
35.8632, 0.3137, 0.3081



Tritanopia

36.1898, 0.2803, 0.3097

Trichromacy



Original Color

36.0287, 0.2856, 0.3244

Protanomaly

35.8544, 0.3010, 0.3231

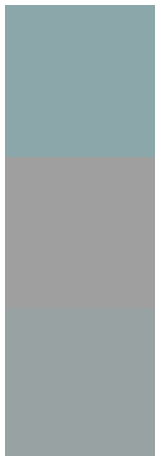
Deuteranomaly

35.9036, 0.3031, 0.3146

Tritanomaly

35.9825, 0.2818, 0.3140

Monochromacy



Original Color

36.0287, 0.2856, 0.3244

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1604, 0.3025, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0287, 0.2856, 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(139, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 170)  
}
```

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(139, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 170) }
```

Border

The CSS property to change the border of an element to Yxy 36.0287, 0.2856, 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(139, 167, 170) }
```

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

```
.border{ border-color:rgb(139, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0287, 0.2856, 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(139, 167, 170) }
```

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

```
.background{ background-color: rgb(139,  
167, 170) }
```

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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