

Converting Colors

$Yxy(36.3468, 0.2859, 0.3289)$

Have a look what the booklet for
Yxy(36.3468, 0.2859, 0.3289)
contains.

Yxy(36.2357, 0.2864, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.2357, 0.2864, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	8AA8A8
RGB	138, 168, 168
RGB Percent	54%, 66%, 66%
CMY	0.4588, 0.3412, 0.3411
CMYK	0.18, 0.00, 0.00, 0.34
HSL	180°, 15%, 60%
HSV	180°, 18%, 66%
XYZ	31.5534, 36.2357, 42.3833
YIQ	159.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

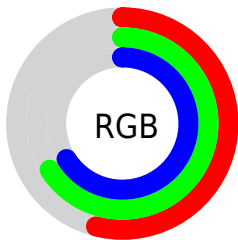
Format	Color
R _Y B	138, 153, 168
Decimal	9087144
CIE Lab	66.70, -10.25, -3.44
CIE LCh	67, 10.817, 198.567
Yxy	36.2357, 0.2864, 0.3289
Android (android.graphics.Color)	4287277224 (0xFF8AA8A8)
YUV	159.0300, 4.4222, -18.4433
Hunter-Lab	60.1961, -11.7777, 0.3919

Details

The Yxy color **36.2357, 0.2864, 0.3289** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.3443, 0.3464, 0.3291**, and the grayscale version is **34.6725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3095, 0.2916, 0.3289**, and **15.7780, 0.2778, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **34.9104, 0.2730, 0.3289**, and if you desaturate by 10%, it is **37.7857, 0.3008, 0.3290**.

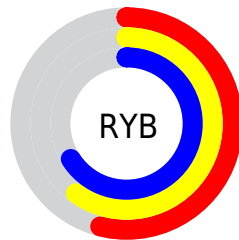
Distribution



Red (54%)

Green (66%)

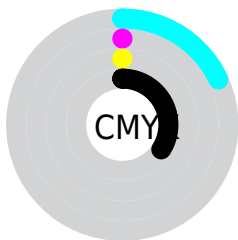
Blue (66%)



Red (54%)

Yellow (60%)

Blue (66%)

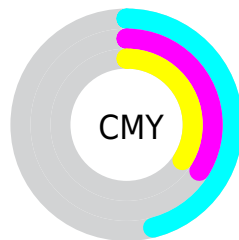


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (46%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2357, 0.2864, 0.3289 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 36.2357, 0.2864, 0.3289 by changing the saturation by 10% instead.

 36.2357, 0.2864,
0.3289


 36.2357, 0.2864,
0.3289


329.9896, 0.3000,
0.3291


 24.6163, 0.2828,
0.3288


 69.3957, 0.2915,
0.3290

 15.7914, 0.2782,
0.3287


 91.7051, 0.2933,
0.3290

 9.3767, 0.2718,
0.3284


 118.3466, 0.2949,
0.3290

 4.9877, 0.2625,
0.3280

149.7046, 0.2962,
0.3291

 2.2400, 0.2477,
0.3269

186.1635, 0.2974,
0.3291

 0.7417, 0.2023,
0.3301

228.1077, 0.2984,

 0.0000, 0.0000,

0.3291

0.0000

275.9216, 0.2993,
0.3291

■ 36.2357, 0.2864,
0.3289

■ 36.2357, 0.2864,
0.3289

■ 34.9104, 0.2730,
0.3289

■ 37.7857, 0.3008,
0.3290

■ 33.7951, 0.2610,
0.3288

■ 39.5654, 0.3160,
0.3290

■ 32.8805, 0.2505,
0.3288

■ 41.5852, 0.3317,
0.3291

■ 32.1545, 0.2418,
0.3287

■ 43.8537, 0.3476,
0.3291

■ 31.6039, 0.2349,
0.3287

■ 46.3788, 0.3635,
0.3292

■ 31.2139, 0.2299,
0.3287

■ 49.1684, 0.3791,
0.3292

■ 30.9671, 0.2267,
0.3286

■ 52.1125, 0.3938,
0.3293

■ 30.8346, 0.2249,
0.3286

■ 52.1152, 0.3938,
0.3293

■ 30.8108, 0.2246,
0.3286

■ 52.1180, 0.3938,
0.3293

Harmonies

Analogous

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



36.2357, 0.2985, 0.3438



36.2357, 0.2864, 0.3289



36.2357, 0.2813, 0.3145

Triad

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



36.2357, 0.2864, 0.3289



36.2357, 0.3102, 0.3051



36.2357, 0.3418, 0.3532

Complementary

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



36.2357, 0.2864, 0.3289



28.3443, 0.3464, 0.3291

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.



36.2357, 0.3452, 0.3422



36.2357, 0.2864, 0.3289



36.2357, 0.3267, 0.3148

Square

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



36.2357, 0.2864, 0.3289



36.2357, 0.2947, 0.3013



36.2357, 0.3397, 0.3282



36.2357, 0.3305, 0.3580

Rectangle

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



36.2357, 0.2864, 0.3289



36.2357, 0.2824, 0.3072



36.2357, 0.3397, 0.3282



36.2357, 0.3439, 0.3501

Sweetspot

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



36.2372, 0.2864, 0.3289



69.4060, 0.3050, 0.3290



35.2496, 0.3105, 0.3764



15.0818, 0.3040, 0.3290



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.



36.2372, 0.2864, 0.3289



64.8518, 0.2816, 0.3289



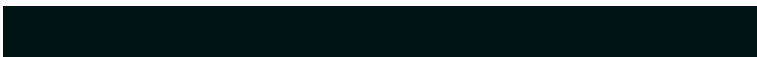
31.0175, 0.2852, 0.3057



8.5315, 0.2987, 0.3289



23.2629, 0.2246, 0.3286



0.5662, 0.2246, 0.3287

Inverse Universe

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



29.3326, 0.3148, 0.2858



50.2178, 0.3152, 0.2771



32.9475, 0.3426, 0.3513



7.6666, 0.3138, 0.3068



8.4195, 0.3210, 0.1542



0.2049, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 36.2357, 0.2864, 0.3289 looks on a white background.

Color Contrast Check

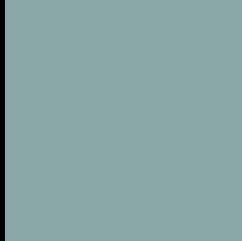
Large Text (above 18pt) WCAG AA × Fail

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 36.2357, 0.2864, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

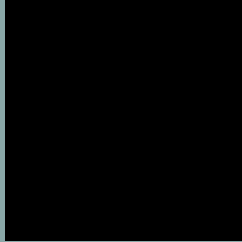
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

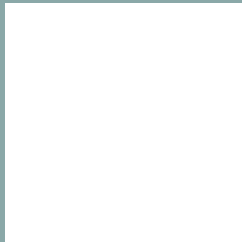
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2357, 0.2864, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 36.2357, 0.2864, 0.3289.

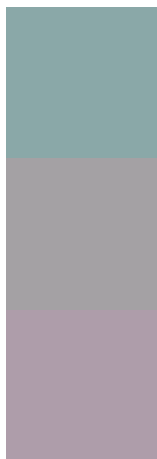


This preview shows how white text looks on a background with the Yxy color 36.2357, 0.2864, 0.3289.

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

36.2357, 0.2864, 0.3289

Protanopia

36.0626, 0.3129, 0.3247

Deuteranopia

36.0149, 0.3174, 0.3109



Tritanopia

36.1026, 0.2795, 0.3097

Trichromacy



Original Color

36.2357, 0.2864, 0.3289

Protanomaly

36.2361, 0.3035, 0.3275

Deuteranomaly

35.9314, 0.3057, 0.3175

Tritanomaly

36.2215, 0.2818, 0.3170

Monochromacy



Original Color

36.2357, 0.2864, 0.3289

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0286, 0.3024, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2357, 0.2864, 0.3289 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(138, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 168)  
}
```

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(138, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 168) }
```

Border

The CSS property to change the border of an element to Yxy 36.2357, 0.2864, 0.3289 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(138, 168, 168) }
```

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

```
.border{ border-color:rgb(138, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2357, 0.2864, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 168) }
```

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

```
.background{ background-color: rgb(138,  
168, 168) }
```

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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