

Converting Colors

$Y_{xy}(36.1676, 0.2928, 0.3348)$

Have a look what the booklet for
Yxy(36.1676, 0.2928, 0.3348)
contains.

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Color

Yxy(36.0686, 0.2929, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	8EA7A4
RGB	142, 167, 164
RGB Percent	56%, 65%, 64%
CMY	0.4430, 0.3451, 0.3569
CMYK	0.15, 0.00, 0.02, 0.35
HSL	173°, 12%, 61%
HSV	173°, 15%, 65%
XYZ	31.6776, 36.0686, 40.4055
YIQ	159.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

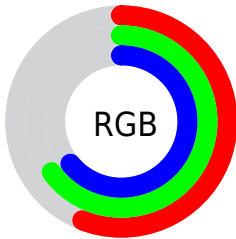
Format	Color
RYB	142, 155, 167
Decimal	9349028
CIELab	66.57, -9.25, -1.36
CIElCh	67, 9.350, 188.338
Yxy	36.0686, 0.2929, 0.3335
Android (android.graphics.Color)	4287539108 (0xFF8EA7A4)
YUV	159.1830, 2.3748, -15.0695
Hunter-Lab	60.0571, -10.9487, 2.1506

Details

The Yxy color **36.0686, 0.2929, 0.3335** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6171, 0.3367, 0.3246**, and the grayscale version is **34.7555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0928, 0.2967, 0.3324**, and **15.6555, 0.2865, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **34.6292, 0.2806, 0.3369**, and if you desaturate by 10%, it is **37.7335, 0.3060, 0.3304**.

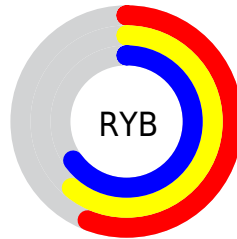
Distribution



Red (56%)

Green (65%)

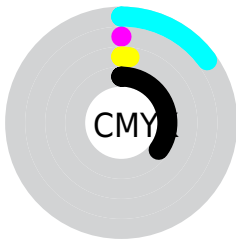
Blue (64%)



Red (56%)

Yellow (61%)

Blue (65%)

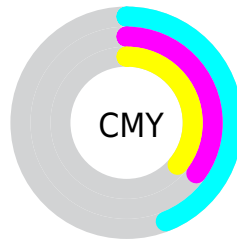


Cyan (15%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (44%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0686, 0.2929, 0.3335 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 36.0686, 0.2929, 0.3335 by changing the saturation by 10% instead.


 36.0686, 0.2929,
0.3335

 36.0686, 0.2929,
0.3335


329.2603, 0.3032,
0.3312


 24.4872, 0.2902,
0.3341


 69.1379, 0.2967,
0.3327

 15.6954, 0.2866,
0.3349


 91.3946, 0.2982,
0.3323

 9.3089, 0.2817,
0.3359


 117.9786, 0.2993,
0.3321

 4.9432, 0.2746,
0.3374

149.2741, 0.3003,
0.3319

 2.2140, 0.2631,
0.3396

185.6656, 0.3012,
0.3317

 0.7276, 0.2239,
0.3497

227.5376, 0.3020,

 0.0000, 0.0000,

0.3315

0.0000

275.2743, 0.3026,
0.3313

■ 36.0686, 0.2929,
0.3335

■ 36.0686, 0.2929,
0.3335

■ 34.6292, 0.2806,
0.3369

■ 37.7335, 0.3060,
0.3304

■ 33.4009, 0.2693,
0.3404

■ 39.6286, 0.3197,
0.3276

■ 32.3748, 0.2594,
0.3442

■ 41.7640, 0.3336,
0.3251

■ 31.5394, 0.2510,
0.3482

■ 44.1481, 0.3475,
0.3229

■ 30.8820, 0.2443,
0.3523

■ 46.7886, 0.3613,
0.3209

■ 30.3885, 0.2396,
0.3564

■ 49.6930, 0.3749,
0.3192

■ 30.0426, 0.2367,
0.3606

■ 52.1151, 0.3845,
0.3175

■ 29.8243, 0.2355,
0.3647

■ 52.1968, 0.3826,
0.3154

■ 29.7378, 0.2352,
0.3668

■ 52.2797, 0.3806,
0.3133

Harmonies

Analogous

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



36.0686, 0.3049, 0.3455



36.0686, 0.2929, 0.3335



36.0686, 0.2862, 0.3205

Triad

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



36.0686, 0.2929, 0.3335



36.0686, 0.3057, 0.3064



36.0686, 0.3397, 0.3473

Complementary

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



36.0686, 0.2929, 0.3335



29.6171, 0.3367, 0.3246

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.



36.0686, 0.3400, 0.3365



36.0686, 0.2929, 0.3335



36.0686, 0.3201, 0.3133

Square

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



36.0686, 0.2929, 0.3335



36.0686, 0.2934, 0.3052



36.0686, 0.3328, 0.3242



36.0686, 0.3321, 0.3534

Rectangle

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



36.0686, 0.2929, 0.3335



36.0686, 0.2855, 0.3131



36.0686, 0.3328, 0.3242



36.0686, 0.3407, 0.3440

Sweetspot

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



36.0701, 0.2929, 0.3335



67.8609, 0.3072, 0.3302



35.6433, 0.3140, 0.3676



15.1334, 0.3062, 0.3304



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.



36.0701, 0.2929, 0.3335



63.6859, 0.2886, 0.3346



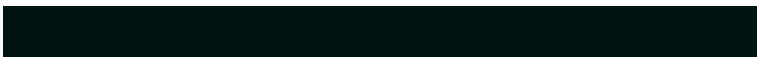
32.9443, 0.2900, 0.3150



8.5162, 0.3002, 0.3317



22.7611, 0.2351, 0.3664



0.5580, 0.2313, 0.3527

Inverse Universe

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



29.6171, 0.3367, 0.3246



49.8448, 0.3433, 0.3235



32.3628, 0.3379, 0.3426



7.5565, 0.3267, 0.3263



6.3298, 0.6222, 0.3201



0.1584, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 36.0686, 0.2929, 0.3335 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 36.0686, 0.2929, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

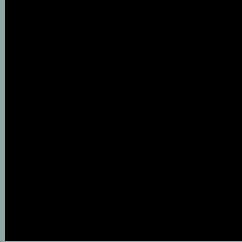
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

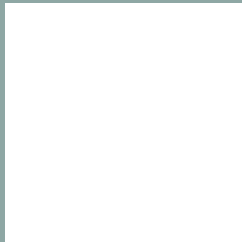
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0686, 0.2929, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 36.0686, 0.2929, 0.3335.

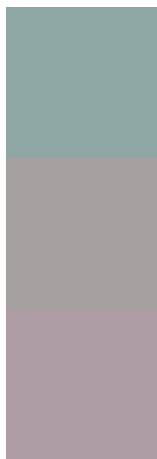


This preview shows how white text looks on a background with the Yxy color 36.0686, 0.2929, 0.3335.

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

36.0686, 0.2929, 0.3335

Protanopia

36.0271, 0.3174, 0.3305

Deuteranopia

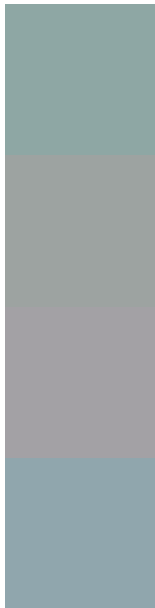
35.9811, 0.3221, 0.3165



Tritanopia

36.1444, 0.2843, 0.3098

Trichromacy



Original Color

36.0686, 0.2929, 0.3335

Protanomaly

35.9357, 0.3088, 0.3319

Deuteranomaly

35.9929, 0.3111, 0.3232

Tritanomaly

36.2189, 0.2874, 0.3185

Monochromacy



Original Color

36.0686, 0.2929, 0.3335

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1862, 0.3051, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0686, 0.2929, 0.3335 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(142, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(142, 167, 164)  
}
```

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(142, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 167, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.0686, 0.2929, 0.3335 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(142, 167, 164) }
```

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

```
.border{ border-color:rgb(142, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(142, 167,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0686, 0.2929, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 167, 164) }
```

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

```
.background{ background-color: rgb(142,  
167, 164) }
```

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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