

Converting Colors

$Y_{xy}(36.3921, 0.2541, 0.2986)$

Have a look what the booklet for
Yxy(36.3921, 0.2541, 0.2986)
contains.

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Color

Yxy(36.5322, 0.2538, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	73ABBF
RGB	115, 171, 191
RGB Percent	45%, 67%, 75%
CMY	0.5492, 0.3294, 0.2510
CMYK	0.40, 0.10, 0.00, 0.25
HSL	196°, 37%, 60%
HSV	196°, 40%, 75%
XYZ	31.0304, 36.5322, 54.7005
YIQ	156.5360, -39.7960, -5.6520

Conversions

Conversions Part 2

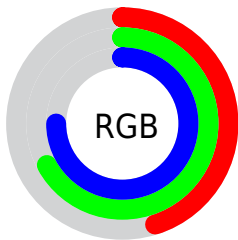
Format	Color
R _Y B	115, 147, 191
Decimal	7580607
CIE Lab	66.92, -13.15, -16.02
CIE LCh	67, 20.723, 230.621
Yxy	36.5322, 0.2538, 0.2988
Android (android.graphics.Color)	4285770687 (0xFF73ABBF)
YUV	156.5360, 16.9908, -36.4271
Hunter-Lab	60.4419, -14.1328, -11.3487

Details

The Yxy color **36.5322, 0.2538, 0.2988** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.6173, 0.4003, 0.3568**, and the grayscale version is **33.4288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6542, 0.2651, 0.3049**, and **16.0207, 0.2359, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **33.5112, 0.2408, 0.2898**, and if you desaturate by 10%, it is **39.8962, 0.2678, 0.3073**.

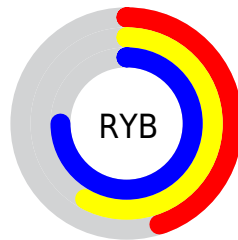
Distribution



Red (45%)

Green (67%)

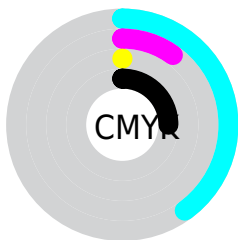
Blue (75%)



Red (45%)

Yellow (58%)

Blue (75%)

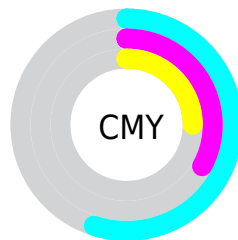


Cyan (40%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (55%)


Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5322, 0.2538, 0.2988 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 36.5322, 0.2538, 0.2988 by changing the saturation by 10% instead.


 36.5322, 0.2538,
0.2988


 36.5322, 0.2538,
0.2988


331.2807, 0.2838,
0.3150


 24.8455, 0.2462,
0.2944


 69.8527, 0.2648,
0.3049

 15.9620, 0.2363,
0.2886


 92.2553, 0.2689,
0.3071

 9.4973, 0.2232,
0.2806

 118.9987, 0.2724,
0.3090

 5.0669, 0.2047,
0.2687

150.4672, 0.2753,
0.3106

 2.2866, 0.1773,
0.2497

187.0453, 0.2779,
0.3119

 0.7666, 0.1163,
0.2186

229.1173, 0.2801,

 0.0000, 0.0000,

0.3131

0.0000

277.0677, 0.2821,
0.3141

■ 36.5322, 0.2538,
0.2988

■ 36.5322, 0.2538,
0.2988

■ 33.5112, 0.2408,
0.2898

■ 39.8962, 0.2678,
0.3073

■ 30.8114, 0.2292,
0.2804

■ 43.6149, 0.2826,
0.3152

■ 28.4150, 0.2192,
0.2707

■ 47.7047, 0.2977,
0.3225

■ 26.2998, 0.2111,
0.2609

■ 52.1794, 0.3130,
0.3291

■ 24.4403, 0.2049,
0.2511

■ 57.0523, 0.3281,
0.3351

■ 22.7875, 0.2004,
0.2414

■ 62.3357, 0.3429,
0.3404

■ 22.7583, 0.2004,
0.2412

■ 68.0414, 0.3572,
0.3451

■ 71.6847, 0.3611,
0.3499

■ 74.2190, 0.3598,
0.3549

Harmonies

Analogous

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



36.5322, 0.2620, 0.3259



36.5322, 0.2538, 0.2988



36.5322, 0.2602, 0.2817

Triad

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



36.5322, 0.2538, 0.2988



36.5322, 0.3413, 0.3039



36.5322, 0.3441, 0.3851

Complementary

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



36.5322, 0.2538, 0.2988



29.6173, 0.4003, 0.3568

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.



36.5322, 0.3671, 0.3755



36.5322, 0.2538, 0.2988



36.5322, 0.3659, 0.3285

Square

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



36.5322, 0.2538, 0.2988



36.5322, 0.3096, 0.2856



36.5322, 0.3754, 0.3544



36.5322, 0.3133, 0.3783

Rectangle

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



36.5322, 0.2538, 0.2988



36.5322, 0.2722, 0.2774



36.5322, 0.3754, 0.3544



36.5322, 0.3530, 0.3836

Sweetspot

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



36.5336, 0.2538, 0.2988



83.6487, 0.2941, 0.3208



42.6188, 0.2946, 0.4187



18.1521, 0.2921, 0.3199



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



36.5336, 0.2538, 0.2988



60.5695, 0.2421, 0.2908



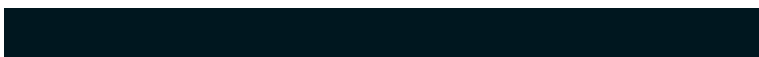
24.4400, 0.2447, 0.2393



10.3738, 0.2985, 0.3228



15.0947, 0.2007, 0.2425



0.6924, 0.2071, 0.2657

Inverse Universe

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



26.2646, 0.3395, 0.2550



40.4052, 0.3476, 0.2392



41.8089, 0.3806, 0.4046



9.6523, 0.3177, 0.3122



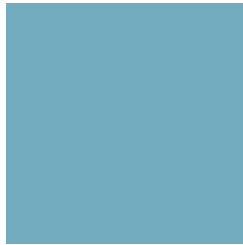
8.5535, 0.3997, 0.1976



0.3453, 0.3770, 0.1850

Previews

White Background



This preview shows how the Yxy color 36.5322, 0.2538, 0.2988 looks on a white background.

Color Contrast Check

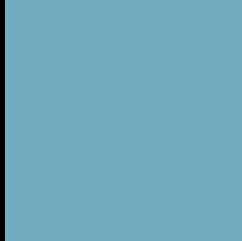
Large Text (above 18pt) WCAG AA × Fail

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 36.5322, 0.2538, 0.2988 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

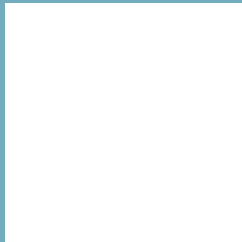
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5322, 0.2538, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 36.5322, 0.2538, 0.2988.



This preview shows how white text looks on a background with the Yxy color 36.5322, 0.2538, 0.2988.

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

36.5322, 0.2538, 0.2988

Protanopia

36.2195, 0.2905, 0.2964

Deuteranopia

36.4778, 0.2868, 0.2810



Tritanopia

36.6276, 0.2566, 0.3075

Trichromacy



Original Color

36.5322, 0.2538, 0.2988

Protanomaly

36.2489, 0.2751, 0.2970

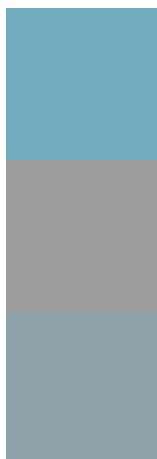
Deuteranomaly

36.1556, 0.2737, 0.2862

Tritanomaly

36.7133, 0.2553, 0.3046

Monochromacy



Original Color

36.5322, 0.2538, 0.2988

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.4560, 0.2886, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5322, 0.2538, 0.2988 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(115, 171, 191)` looks like.

```
.text, #text, p{  
    color:rgb(115, 171, 191)  
}
```

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(115, 171, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 171, 191) }
```

Border

The CSS property to change the border of an element to Yxy 36.5322, 0.2538, 0.2988 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(115, 171, 191) }
```

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

```
.border{ border-color:rgb(115, 171, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 171, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 171, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 171, 191);  
box-shadow:4px 4px 4px 4px rgb(115, 171,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5322, 0.2538, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 171, 191) }
```

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

```
.background{ background-color: rgb(115,  
171, 191) }
```

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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