

Converting Colors

$Yxy(38.8456, 0.2773, 0.3742)$

Have a look what the booklet for
Yxy(38.8456, 0.2773, 0.3742)
contains.

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Color

Yxy(38.6627, 0.2775, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	6EB599
RGB	110, 181, 153
RGB Percent	43%, 71%, 60%
CMY	0.5684, 0.2902, 0.4000
CMYK	0.39, 0.00, 0.15, 0.29
HSL	156°, 32%, 57%
HSV	156°, 39%, 71%
XYZ	28.7099, 38.6627, 36.0866
YIQ	156.5790, -33.3280, -23.7600

Conversions

Conversions Part 2

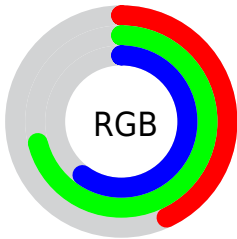
Format	Color
RYB	110, 154, 181
Decimal	7255449
CIELab	68.51, -28.77, 7.29
CIElCh	69, 29.680, 165.775
Yxy	38.6627, 0.2775, 0.3737
Android (android.graphics.Color)	4285445529 (0xFF6EB599)
YUV	156.5790, -1.7644, -40.8498
Hunter-Lab	62.1793, -26.3954, 9.1158

Details

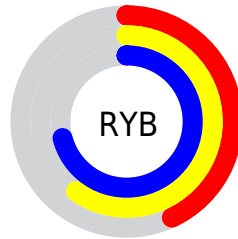
The Yxy color **38.6627, 0.2775, 0.3737** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **22.8255, 0.3701, 0.2890**, and the grayscale version is **33.5444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9659, 0.2844, 0.3649**, and **17.2675, 0.2662, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **37.3896, 0.2706, 0.3875**, and if you desaturate by 10%, it is **40.1902, 0.2855, 0.3608**.

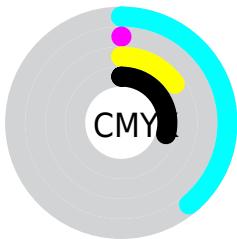
Distribution



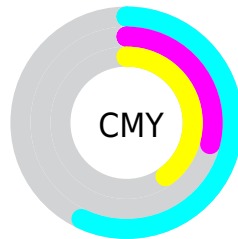
- Red (43%)
- Green (71%)
- Blue (60%)



- Red (43%)
- Yellow (60%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)





- Cyan (57%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6627, 0.2775, 0.3737 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 38.6627, 0.2775, 0.3737 by changing the saturation by 10% instead.


 38.6627, 0.2775,
0.3737


 38.6627, 0.2775,
0.3737


340.4543, 0.2959,
0.3500


 26.4974, 0.2726,
0.3801


 73.1228, 0.2844,
0.3647

 17.1961, 0.2662,
0.3886


 96.1863, 0.2869,
0.3615

 10.3744, 0.2573,
0.4005


 123.6515, 0.2891,
0.3588

 5.6479, 0.2442,
0.4183

 155.9025, 0.2908,
0.3565

 2.6322, 0.2232,
0.4476

193.3240, 0.2924,
0.3545

 0.9429, 0.1167,
0.5711

236.3002, 0.2937,

 0.0000, 0.0000,

0.3528

0.0000

285.2155, 0.2949,
0.3513

■ 38.6627, 0.2775,
0.3737

■ 38.6627, 0.2775,
0.3737

■ 37.3896, 0.2706,
0.3875

■ 40.1902, 0.2855,
0.3608

■ 36.3515, 0.2652,
0.4021

■ 41.9810, 0.2944,
0.3489

■ 35.5335, 0.2615,
0.4172


■ 44.0492, 0.3038,
0.3380


■ 34.9171, 0.2598,
0.4325


■ 46.4064, 0.3135,
0.3282

■ 34.4805, 0.2600,
0.4476


■ 49.0638, 0.3233,
0.3195


 34.1835, 0.2620,
0.4625

 52.0318, 0.3331,
0.3118

 34.1615, 0.2621,
0.4637

 55.3204, 0.3427,
0.3050

 58.9390, 0.3519,
0.2990

 59.3299, 0.3460,
0.2919

Harmonies

Analogous

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



38.6627, 0.3198, 0.4031



38.6627, 0.2775, 0.3737



38.6627, 0.2460, 0.3307

Triad

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



38.6627, 0.2775, 0.3737



38.6627, 0.2617, 0.2579



38.6627, 0.4007, 0.3571

Complementary

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



38.6627, 0.2775, 0.3737



22.8255, 0.3701, 0.2890

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.



38.6627, 0.3833, 0.3216



38.6627, 0.2775, 0.3737



38.6627, 0.3006, 0.2667

Square

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



38.6627, 0.2775, 0.3737



38.6627, 0.2376, 0.2657



38.6627, 0.3456, 0.2895



38.6627, 0.3923, 0.3889

Rectangle

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



38.6627, 0.2775, 0.3737



38.6627, 0.2346, 0.3030



38.6627, 0.3456, 0.2895



38.6627, 0.3977, 0.3453

Sweetspot

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



38.6643, 0.2775, 0.3737



77.7281, 0.3009, 0.3412



39.6129, 0.3309, 0.4384



16.6960, 0.2997, 0.3425



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.6643, 0.2775, 0.3737



67.2635, 0.2715, 0.3856



36.8889, 0.2576, 0.3179



9.5736, 0.3037, 0.3381



23.5660, 0.2616, 0.4618



0.7526, 0.2501, 0.4203

Inverse Universe

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



22.8255, 0.3701, 0.2890



34.9160, 0.3890, 0.2804



23.7096, 0.4046, 0.3396



8.5590, 0.3227, 0.3200



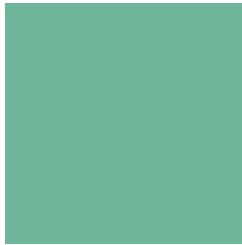
7.1026, 0.5364, 0.2729



0.2351, 0.4623, 0.2321

Previews

White Background



This preview shows how the Yxy color 38.6627, 0.2775, 0.3737 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 38.6627, 0.2775, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

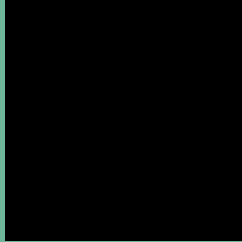
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6627, 0.2775, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 38.6627, 0.2775, 0.3737.

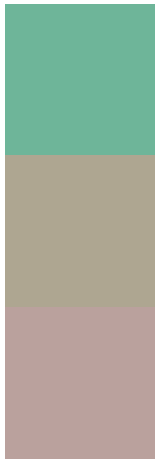


This preview shows how white text looks on a background with the Yxy color 38.6627, 0.2775, 0.3737.

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

38.6627, 0.2775, 0.3737

Protanopia

38.3154, 0.3390, 0.3588

Deuteranopia

38.3632, 0.3408, 0.3345



Tritanopia

38.6903, 0.2582, 0.3081

Trichromacy



Original Color

38.6627, 0.2775, 0.3737

Protanomaly

37.8432, 0.3138, 0.3635

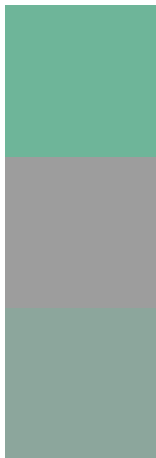
Deuteranomaly

37.6747, 0.3137, 0.3466

Tritanomaly

38.7281, 0.2650, 0.3304

Monochromacy



Original Color

38.6627, 0.2775, 0.3737

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.2482, 0.2975, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6627, 0.2775, 0.3737 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(110, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(110, 181, 153)  
}
```

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(110, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 181, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.6627, 0.2775, 0.3737 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(110, 181, 153) }
```

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

```
.border{ border-color:rgb(110, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 181, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 181, 153);  
box-shadow:4px 4px 4px 4px rgb(110, 181,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6627, 0.2775, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 181, 153) }
```

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

```
.background{ background-color: rgb(110,  
181, 153) }
```

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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