

Converting Colors

$Y_{xy}(10.7956, 0.3775, 0.5028)$

Have a look what the booklet for
Yxy(10.7956, 0.3775, 0.5028)
contains.

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Color

Yxy(10.7877, 0.3779, 0.5022)

Conversions

Conversions Part 1

Format	Color
Hex	526319
RGB	82, 99, 25
RGB Percent	32%, 39%, 10%
CMY	0.6784, 0.6118, 0.9018
CMYK	0.17, 0.00, 0.75, 0.61
HSL	74°, 60%, 24%
HSV	74°, 75%, 39%
XYZ	8.1176, 10.7877, 2.5756
YIQ	85.4810, 13.6220, -26.6180

Conversions

Conversions Part 2

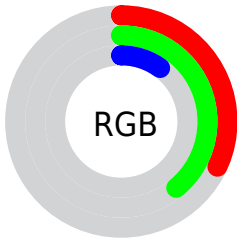
Format	Color
R_{YB}	25, 99, 42
Decimal	5399321
CIE _{Lab}	39.22, -17.83, 37.80
CIE _{LCh}	39, 41.790, 115.253
Yxy	10.7877, 0.3779, 0.5022
Android (android.graphics.Color)	4283589401 (0xFF526319)
YUV	85.4810, -29.8171, -3.0528
Hunter-Lab	32.8446, -13.3614, 18.3419

Details

The Yxy color **10.7877, 0.3779, 0.5022** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.0901, 0.2013, 0.1183**, and the grayscale version is **9.2536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3754, 0.3665, 0.4566**, and **2.7961, 0.3684, 0.5457** is the 20% darker color. If you saturate the color by 10%, you get **10.6524, 0.3806, 0.5174**, and if you desaturate by 10%, it is **10.9425, 0.3730, 0.4833**.

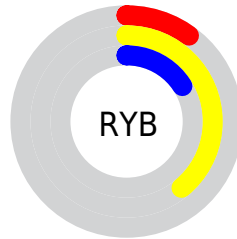
Distribution



Red (32%)

Green (39%)

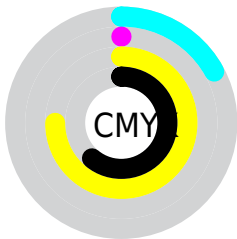
Blue (10%)



Red (10%)

Yellow (39%)

Blue (16%)

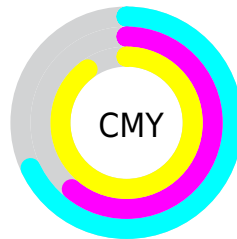


Cyan (17%)

Magenta (0%)

Yellow (75%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7877, 0.3779, 0.5022 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 10.7877, 0.3779, 0.5022 by changing the saturation by 10% instead.


 10.7877, 0.3779,
0.5022


 10.7877, 0.3779,
0.5022


196.2052, 0.3434,
0.3940


 5.9243, 0.3830,
0.5373

 27.2669, 0.3664,
0.4567


 2.7991, 0.3952,
0.6048

 39.6515, 0.3615,
0.4415

 1.0278, 0.3423,
0.6577

 55.3119, 0.3573,
0.4294

 0.0000, 0.0000,
0.0000

 74.6325, 0.3536,
0.4196

 97.9978, 0.3505,
0.4116


 125.7920, 0.3478,

0.4048


 158.3997, 0.3455,
0.3990


 10.7877, 0.3779,
0.5022


 10.7877, 0.3779,
0.5022


 10.6524, 0.3806,
0.5174


 10.9425, 0.3730,
0.4833

 10.5321, 0.3812,
0.5292

 11.1168, 0.3663,
0.4616

 10.4708, 0.3815,
0.5353

 11.3124, 0.3579,
0.4378

 11.5306, 0.3485,
0.4130

 11.7723, 0.3384,
0.3880

■ 12.0386, 0.3280,
0.3634

■ 12.3304, 0.3176,
0.3397

■ 12.6487, 0.3074,
0.3174

■ 12.9943, 0.2976,
0.2966

Harmonies

Analogous

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



10.7877, 0.4540, 0.4574



10.7877, 0.3779, 0.5022



10.7877, 0.2899, 0.4867

Triad

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



10.7877, 0.3779, 0.5022



10.7877, 0.1562, 0.2254



10.7877, 0.4107, 0.2664

Complementary

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



10.7877, 0.3779, 0.5022



2.0901, 0.2013, 0.1183

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.



10.7877, 0.3129, 0.2197



10.7877, 0.3779, 0.5022



10.7877, 0.1769, 0.1944

Square

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



10.7877, 0.3779, 0.5022



10.7877, 0.1670, 0.2952



10.7877, 0.2293, 0.1942



10.7877, 0.4828, 0.3264

Rectangle

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



10.7877, 0.3779, 0.5022



10.7877, 0.2358, 0.4335



10.7877, 0.2293, 0.1942



10.7877, 0.3787, 0.2489

Sweetspot

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



10.7882, 0.3779, 0.5022



20.2867, 0.3362, 0.3828



4.3127, 0.5157, 0.3636



4.8042, 0.3380, 0.3870



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.7882, 0.3779, 0.5022



18.1113, 0.3811, 0.5266



9.5746, 0.3237, 0.5378



2.9422, 0.3218, 0.3493



13.6311, 0.3810, 0.5357



72.4123, 0.3786, 0.5376

Inverse Universe

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



2.0901, 0.2013, 0.1183



2.2604, 0.1760, 0.0821



3.2188, 0.2725, 0.1526



2.5407, 0.3031, 0.3082



1.3910, 0.1659, 0.0688



7.0876, 0.1613, 0.0662

Previews

White Background



This preview shows how the Yxy color 10.7877, 0.3779, 0.5022 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 10.7877, 0.3779, 0.5022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

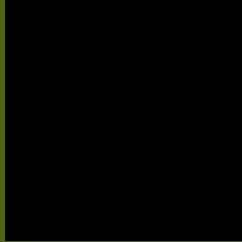
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7877, 0.3779, 0.5022

Background



This preview shows how black text looks on a background with the Yxy color 10.7877, 0.3779, 0.5022.



This preview shows how white text looks on a background with the Yxy color 10.7877, 0.3779, 0.5022.

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

10.7877, 0.3779, 0.5022

Protanopia

10.6592, 0.4268, 0.4694

Deuteranopia

10.7180, 0.4453, 0.4422



Tritanopia

10.7481, 0.2983, 0.3099

Trichromacy



Original Color

10.7877, 0.3779, 0.5022

Protanomaly

10.7372, 0.4077, 0.4820

Deuteranomaly

10.6217, 0.4207, 0.4640

Tritanomaly

10.6917, 0.3319, 0.3846

Monochromacy



Original Color

10.7877, 0.3779, 0.5022

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.5560, 0.3438, 0.4002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7877, 0.3779, 0.5022 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(82, 99, 25)` looks like.

```
.text, #text, p{  
    color:rgb(82, 99, 25)  
}
```

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(82, 99, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 99, 25) }
```

Border

The CSS property to change the border of an element to Yxy 10.7877, 0.3779, 0.5022 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(82, 99, 25) }
```

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

```
.border{ border-color:rgb(82, 99, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 99, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 99, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 99, 25);  
box-shadow:4px 4px 4px 4px rgb(82, 99, 25)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7877, 0.3779, 0.5022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 99, 25) }
```

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

```
.background{ background-color: rgb(82, 99,  
25) }
```

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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