

Converting Colors

$Y_{xy}(17.0599, 0.3953, 0.5017)$

Have a look what the booklet for
Yxy(17.0599, 0.3953, 0.5017)
contains.

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Color

Yxy(17.0599, 0.3953, 0.5017)

Conversions

Conversions Part 1

Format	Color
Hex	6E7919
RGB	110, 121, 25
RGB Percent	43%, 47%, 10%
CMY	0.5687, 0.5255, 0.9021
CMYK	0.09, 0.00, 0.79, 0.53
HSL	67°, 66%, 29%
HSV	67°, 79%, 47%
XYZ	13.4419, 17.0599, 3.5024
YIQ	106.7670, 24.2600, -32.1880

Conversions

Conversions Part 2

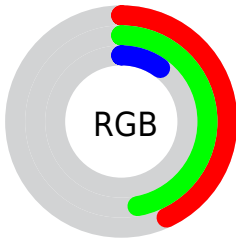
Format	Color
R_{YB}	25, 121, 36
Decimal	7239961
CIE Lab	48.34, -16.81, 47.32
CIE LCh	48, 50.213, 109.554
Yxy	17.0599, 0.3953, 0.5017
Android (android.graphics.Color)	4285430041 (0xFF6E7919)
YUV	106.7670, -40.3111, 2.8353
Hunter-Lab	41.3036, -14.1903, 23.8849

Details

The Yxy color **17.0599, 0.3953, 0.5017** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.4497, 0.1789, 0.0968**, and the grayscale version is **14.7428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3155, 0.3822, 0.4635**, and **5.6949, 0.3891, 0.5293** is the 20% darker color. If you saturate the color by 10%, you get **16.9310, 0.3984, 0.5123**, and if you desaturate by 10%, it is **17.2144, 0.3898, 0.4871**.

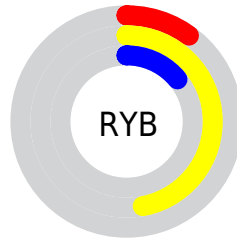
Distribution



Red (43%)

Green (47%)

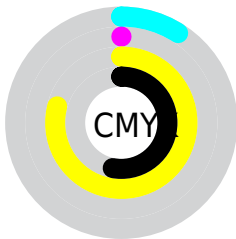
Blue (10%)



Red (10%)

Yellow (47%)

Blue (14%)

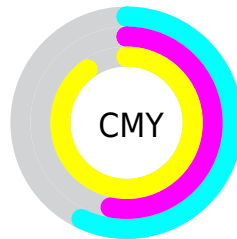


Cyan (9%)

Magenta (0%)

Yellow (79%)

Black (53%)



Cyan (57%)


Magenta (53%)


Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0599, 0.3953, 0.5017 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 17.0599, 0.3953, 0.5017 by changing the saturation by 10% instead.


 17.0599, 0.3953,
0.5017


 17.0599, 0.3953,
0.5017


235.5173, 0.3542,
0.4024

 10.2772, 0.4018,
0.5285


 38.4287, 0.3820,
0.4632


 5.5831, 0.4143,
0.5746

 53.7837, 0.3763,
0.4493


 2.5933, 0.3983,
0.6017

 72.7648, 0.3713,
0.4379

 0.9233, 0.3358,
0.6642


 95.7565, 0.3669,
0.4284


 0.0000, 0.0000,
0.0000


 123.1433, 0.3631,
0.4203


 155.3094, 0.3597,


0.4135


 192.6393, 0.3568,
0.4075


 17.0599, 0.3953,
0.5017


 17.0599, 0.3953,
0.5017


 16.9310, 0.3984,
0.5123


 17.2144, 0.3898,
0.4871


 16.8170, 0.3999,
0.5201

 17.3948, 0.3820,
0.4688

 16.8098, 0.4000,
0.5206

 17.6040, 0.3724,
0.4476

 17.8441, 0.3613,
0.4243

 18.1170, 0.3493,
0.4000

■ 18.4242, 0.3368,
0.3753

■ 18.7674, 0.3243,
0.3509

■ 19.1479, 0.3119,
0.3275

■ 19.5673, 0.3001,
0.3054

Harmonies

Analogous

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



17.0599, 0.4689, 0.4478



17.0599, 0.3953, 0.5017



17.0599, 0.3057, 0.5018

Triad

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



17.0599, 0.3953, 0.5017



17.0599, 0.1519, 0.2326



17.0599, 0.3951, 0.2542

Complementary

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



17.0599, 0.3953, 0.5017



2.4497, 0.1789, 0.0968

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.



17.0599, 0.2943, 0.2102



17.0599, 0.3953, 0.5017



17.0599, 0.1671, 0.1943

Square

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



17.0599, 0.3953, 0.5017



17.0599, 0.1692, 0.3120



17.0599, 0.2142, 0.1889



17.0599, 0.4780, 0.3135

Rectangle

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



17.0599, 0.3953, 0.5017



17.0599, 0.2480, 0.4558



17.0599, 0.2142, 0.1889



17.0599, 0.3611, 0.2374

Sweetspot

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



17.0607, 0.3953, 0.5017



32.6928, 0.3434, 0.3882



5.3129, 0.5598, 0.3439



7.4397, 0.3470, 0.3953



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.0607, 0.3953, 0.5017



30.1561, 0.3993, 0.5179



14.8160, 0.3341, 0.5446



4.6117, 0.3239, 0.3503



18.0090, 0.3999, 0.5206



85.6685, 0.3989, 0.5215

Inverse Universe

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



2.4497, 0.1789, 0.0968



2.8521, 0.1584, 0.0677



3.8954, 0.2470, 0.1312



3.9136, 0.3010, 0.3070



1.5755, 0.1557, 0.0632



7.3176, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 17.0599, 0.3953, 0.5017 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 17.0599, 0.3953, 0.5017 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 17.0599, 0.3953, 0.5017

Background



This preview shows how black text looks on a background with the Yxy color 17.0599, 0.3953, 0.5017.



This preview shows how white text looks on a background with the Yxy color 17.0599, 0.3953, 0.5017.

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

17.0599, 0.3953, 0.5017

Protanopia

16.9905, 0.4307, 0.4771

Deuteranopia

16.9655, 0.4549, 0.4483



Tritanopia

17.1373, 0.3096, 0.3117

Trichromacy



Original Color

17.0599, 0.3953, 0.5017

Protanomaly

16.9261, 0.4177, 0.4858

Deuteranomaly

16.8045, 0.4342, 0.4664

Tritanomaly

16.8919, 0.3484, 0.3880

Monochromacy



Original Color

17.0599, 0.3953, 0.5017

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.3123, 0.3514, 0.4040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0599, 0.3953, 0.5017 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, 121, 25)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 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(110, 121, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 25) }
```

Border

The CSS property to change the border of an element to Yxy 17.0599, 0.3953, 0.5017 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, 121, 25) }
```

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

```
.border{ border-color:rgb(110, 121, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 121, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 25);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0599, 0.3953, 0.5017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 25) }
```

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

```
.background{ background-color: rgb(110,  
121, 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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