

Converting Colors

$Y_{xy}(10.6362, 0.3661, 0.4998)$

Have a look what the booklet for
Yxy(10.6362, 0.3661, 0.4998)
contains.

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Color

Yxy(10.5952, 0.3656, 0.4994)

Conversions

Conversions Part 1

Format	Color
Hex	4D631E
RGB	77, 99, 30
RGB Percent	30%, 39%, 12%
CMY	0.6981, 0.6118, 0.8824
CMYK	0.22, 0.00, 0.70, 0.61
HSL	79°, 53%, 25%
HSV	79°, 70%, 39%
XYZ	7.7565, 10.5952, 2.8641
YIQ	84.5560, 9.0370, -26.1230

Conversions

Conversions Part 2

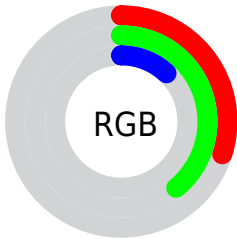
Format	Color
R_{YB}	30, 99, 52
Decimal	5071646
CIE _{Lab}	38.89, -19.72, 35.16
CIE _{LCh}	39, 40.310, 119.287
Yxy	10.5952, 0.3656, 0.4994
Android (android.graphics.Color)	4283261726 (0xFF4D631E)
YUV	84.5560, -26.8961, -6.6266
Hunter-Lab	32.5503, -14.4276, 17.5682

Details

The Yxy color **10.5952, 0.3656, 0.4994** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.5594, 0.2201, 0.1363**, and the grayscale version is **9.0425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9519, 0.3565, 0.4535**, and **2.7320, 0.3577, 0.5542** is the 20% darker color. If you saturate the color by 10%, you get **10.4246, 0.3680, 0.5183**, and if you desaturate by 10%, it is **10.7890, 0.3612, 0.4773**.

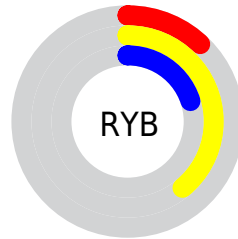
Distribution



Red (30%)

Green (39%)

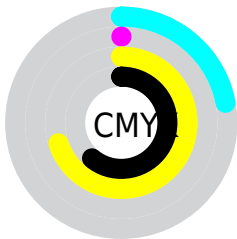
Blue (12%)



Red (12%)

Yellow (39%)

Blue (20%)

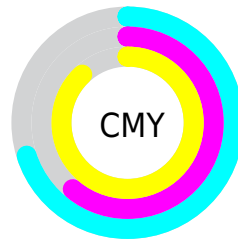


Cyan (22%)

Magenta (0%)

Yellow (70%)

Black (61%)



Cyan (70%)


Magenta (61%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5952, 0.3656, 0.4994 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 10.5952, 0.3656, 0.4994 by changing the saturation by 10% instead.


 10.5952, 0.3656,
0.4994


 10.5952, 0.3656,
0.4994


194.8689, 0.3380,
0.3915


 5.7953, 0.3691,
0.5361

 26.9092, 0.3566,
0.4532


 2.7210, 0.3840,
0.6160


 39.1920, 0.3527,
0.4381

 0.9879, 0.3149,
0.6851

 54.7381, 0.3493,
0.4262

 0.0000, 0.0000,
0.0000

 73.9316, 0.3463,
0.4165

 97.1571, 0.3438,
0.4086

 124.7988, 0.3416,

0.4020

157.2413, 0.3397,
0.3964

10.5952, 0.3656,
0.4994

10.5952, 0.3656,
0.4994

10.4246, 0.3680,
0.5183

10.7890, 0.3612,
0.4773

10.2743, 0.3681,
0.5332

11.0060, 0.3551,
0.4529

10.1369, 0.3672,
0.5462

11.2481, 0.3477,
0.4273

10.1329, 0.3672,
0.5466

11.5164, 0.3393,
0.4014

11.8119, 0.3305,
0.3759

■ 12.1358, 0.3214,
0.3514

■ 12.4890, 0.3125,
0.3283

■ 12.8724, 0.3037,
0.3068

■ 13.2868, 0.2954,
0.2871

Harmonies

Analogous

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



10.5952, 0.4423, 0.4624



10.5952, 0.3656, 0.4994



10.5952, 0.2797, 0.4734

Triad

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



10.5952, 0.3656, 0.4994



10.5952, 0.1607, 0.2222



10.5952, 0.4198, 0.2755

Complementary

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



10.5952, 0.3656, 0.4994



2.5594, 0.2201, 0.1363

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.



10.5952, 0.3257, 0.2274



10.5952, 0.3656, 0.4994



10.5952, 0.1851, 0.1960

Square

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



10.5952, 0.3656, 0.4994



10.5952, 0.1672, 0.2851



10.5952, 0.2409, 0.1993



10.5952, 0.4832, 0.3355

Rectangle

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



10.5952, 0.3656, 0.4994



10.5952, 0.2287, 0.4169



10.5952, 0.2409, 0.1993



10.5952, 0.3897, 0.2577

Sweetspot

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



10.5957, 0.3656, 0.4994



20.1616, 0.3322, 0.3807



5.1890, 0.4828, 0.3795



4.7702, 0.3338, 0.3852



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.



10.5957, 0.3656, 0.4994



17.7054, 0.3683, 0.5287



9.5240, 0.3160, 0.5300



2.9319, 0.3207, 0.3494



13.1863, 0.3665, 0.5472



69.9577, 0.3633, 0.5497

Inverse Universe

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



2.5594, 0.2201, 0.1363



2.8596, 0.1954, 0.0985



3.8244, 0.2914, 0.1692



2.5505, 0.3043, 0.3083



1.5454, 0.1767, 0.0747



7.8280, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 10.5952, 0.3656, 0.4994 looks on a white background.

Color Contrast Check

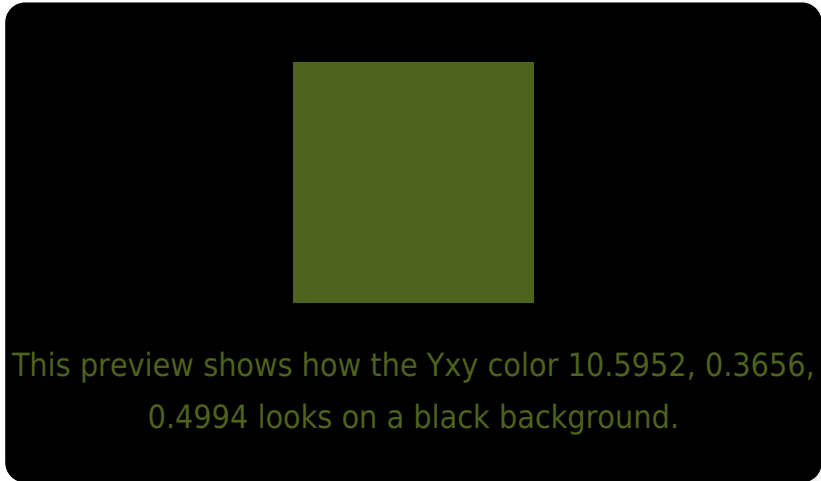
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.5952, 0.3656, 0.4994

Background



This preview shows how black text looks on a background with the Yxy color 10.5952, 0.3656, 0.4994.



This preview shows how white text looks on a background with the Yxy color 10.5952, 0.3656, 0.4994.

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

10.5952, 0.3656, 0.4994

Protanopia

10.5629, 0.4189, 0.4650

Deuteranopia

10.5093, 0.4409, 0.4356



Tritanopia

10.5057, 0.2909, 0.3095

Trichromacy



Original Color

10.5952, 0.3656, 0.4994

Protanomaly

10.6003, 0.3982, 0.4781

Deuteranomaly

10.3587, 0.4136, 0.4566

Tritanomaly

10.4863, 0.3210, 0.3807

Monochromacy



Original Color

10.5952, 0.3656, 0.4994

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.4878, 0.3373, 0.3956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5952, 0.3656, 0.4994 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(77, 99, 30)` looks like.

```
.text, #text, p{  
    color:rgb(77, 99, 30)  
}
```

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(77, 99, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 99, 30) }
```

Border

The CSS property to change the border of an element to Yxy 10.5952, 0.3656, 0.4994 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(77, 99, 30) }
```

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

```
.border{ border-color:rgb(77, 99, 30) }
```

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

Here you see how a box with a 4 pixel rgb(77, 99, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 99, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 99, 30);  
box-shadow:4px 4px 4px 4px rgb(77, 99, 30)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.5952, 0.3656, 0.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 99, 30) }
```

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

```
.background{ background-color: rgb(77, 99,  
30) }
```

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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