

Converting Colors

$Y_{xy}(10.7245, 0.4647, 0.5289)$

Have a look what the booklet for
Yxy(10.7245, 0.4647, 0.5289)
contains.

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Color

Yxy(10.8320, 0.4397, 0.4890)

Conversions

Conversions Part 1

Format	Color
Hex	695D00
RGB	105, 93, 0
RGB Percent	41%, 36%, 0%
CMY	0.5883, 0.6353, 0.9997
CMYK	0.00, 0.11, 1.00, 0.59
HSL	53°, 100%, 21%
HSV	53°, 100%, 41%
XYZ	9.7399, 10.8320, 1.5794
YIQ	85.9860, 37.0050, -26.3790

Conversions

Conversions Part 2

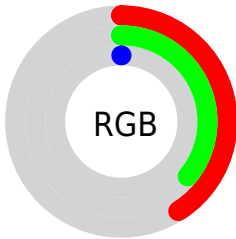
Format	Color
R_{YB}	14, 105, 0
Decimal	6905088
CIE Lab	39.30, -4.37, 46.56
CIE LCh	39, 46.766, 95.358
Yxy	10.8320, 0.4397, 0.4890
Android (android.graphics.Color)	4285095168 (0xFF695D00)
YUV	85.9860, -42.3911, 16.6753
Hunter-Lab	32.9120, -4.7709, 20.1932

Details

The Yxy color **10.8320, 0.4397, 0.4890** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.2848, 0.1538, 0.0737**, and the grayscale version is **9.3907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4139, 0.4155, 0.4545**, and **2.8708, 0.4341, 0.4935** is the 20% darker color. If you saturate the color by 10%, you get **10.8309, 0.4397, 0.4890**, and if you desaturate by 10%, it is **11.0679, 0.4327, 0.4835**.

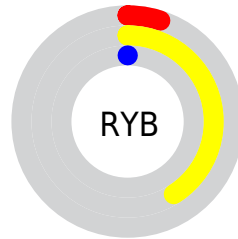
Distribution



Red (41%)

Green (36%)

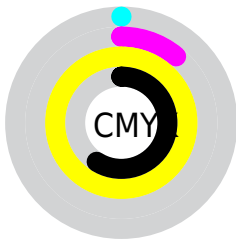
Blue (0%)



Red (5%)

Yellow (41%)

Blue (0%)

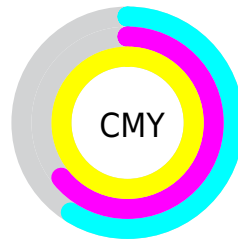


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8320, 0.4397, 0.4890 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 10.8320, 0.4397, 0.4890 by changing the saturation by 10% instead.


 10.8320, 0.4397,
0.4890


 10.8320, 0.4397,
0.4890


 196.5113, 0.3696,
0.3971


 5.9540, 0.4591,
0.5169

 27.3491, 0.4149,
0.4546


 2.8171, 0.4655,
0.5345


 39.7569, 0.4049,
0.4416

 1.0370, 0.4568,
0.5432

 55.4435, 0.3966,
0.4308

 0.0000, 0.0000,
0.0000


 74.7933, 0.3894,
0.4218

 98.1905, 0.3834,
0.4142


 126.0197, 0.3781,

0.4076


 158.6651, 0.3736,
0.4020


 10.8320, 0.4397,
0.4890


 10.8320, 0.4397,
0.4890

 10.8309, 0.4397,
0.4890

 11.0679, 0.4327,
0.4835

 11.3147, 0.4245,
0.4760

 11.5812, 0.4139,
0.4646

 11.8693, 0.4014,
0.4497

 12.1804, 0.3873,
0.4320

■ 12.5160, 0.3724,
0.4124

■ 12.8774, 0.3570,
0.3916

■ 13.2658, 0.3417,
0.3703

■ 13.6823, 0.3268,
0.3493

Harmonies

Analogous

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



10.8320, 0.5038, 0.4186



10.8320, 0.4397, 0.4890



10.8320, 0.3490, 0.5271

Triad

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



10.8320, 0.4397, 0.4890



10.8320, 0.1457, 0.2586



10.8320, 0.3488, 0.2243

Complementary

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



10.8320, 0.4397, 0.4890



1.2848, 0.1538, 0.0737

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.



10.8320, 0.2476, 0.1887



10.8320, 0.4397, 0.4890



10.8320, 0.1464, 0.1989

Square

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



10.8320, 0.4397, 0.4890



10.8320, 0.1807, 0.3649



10.8320, 0.1794, 0.1788



10.8320, 0.4548, 0.2802

Rectangle

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



10.8320, 0.4397, 0.4890



10.8320, 0.2847, 0.5079



10.8320, 0.1794, 0.1788



10.8320, 0.3124, 0.2098

Sweetspot

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



10.8325, 0.4397, 0.4890



22.9988, 0.3584, 0.3935



3.0318, 0.6166, 0.3172



5.3405, 0.3631, 0.3999



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.8325, 0.4397, 0.4890



19.2878, 0.4404, 0.4885



11.2184, 0.3569, 0.5548



3.5274, 0.3254, 0.3473



13.6822, 0.4400, 0.4888



68.9116, 0.4413, 0.4878

Inverse Universe

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



1.2848, 0.1538, 0.0737



2.1891, 0.1529, 0.0705



1.4784, 0.1870, 0.0804



3.0758, 0.2997, 0.3100



1.5897, 0.1534, 0.0722



7.4097, 0.1519, 0.0667

Previews

White Background



This preview shows how the Yxy color 10.8320, 0.4397, 0.4890 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 10.8320, 0.4397, 0.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

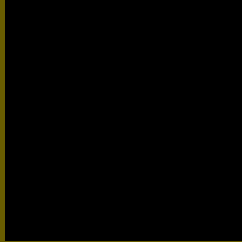
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8320, 0.4397, 0.4890

Background



This preview shows how black text looks on a background with the Yxy color 10.8320, 0.4397, 0.4890.



This preview shows how white text looks on a background with the Yxy color 10.8320, 0.4397, 0.4890.

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

10.8320, 0.4397, 0.4890

Protanopia

10.8342, 0.4393, 0.4883

Deuteranopia

10.7879, 0.4628, 0.4584



Tritanopia

10.7609, 0.3420, 0.3136

Trichromacy



Original Color

10.8320, 0.4397, 0.4890

Protanomaly

10.8342, 0.4393, 0.4883

Deuteranomaly

10.8406, 0.4546, 0.4689

Tritanomaly

10.6487, 0.3930, 0.3969

Monochromacy



Original Color

10.8320, 0.4397, 0.4890

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.7477, 0.3725, 0.4138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8320, 0.4397, 0.4890 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(105, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 93, 0)  
}
```

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(105, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 93, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.8320, 0.4397, 0.4890 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(105, 93, 0) }
```

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

```
.border{ border-color:rgb(105, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(105, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 93, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8320, 0.4397, 0.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 93, 0) }
```

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

```
.background{ background-color: rgb(105, 93,  
0) }
```

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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