

Converting Colors

$Y_{xy}(11.0721, 0.3932, 0.4095)$

Have a look what the booklet for
Yxy(11.0721, 0.3932, 0.4095)
contains.

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Color

Yxy(11.0656, 0.3929, 0.4100)

Conversions

Conversions Part 1

Format	Color
Hex	6B5C38
RGB	107, 92, 56
RGB Percent	42%, 36%, 22%
CMY	0.5804, 0.6392, 0.7804
CMYK	0.00, 0.14, 0.48, 0.58
HSL	42°, 31%, 32%
HSV	42°, 48%, 42%
XYZ	10.6041, 11.0656, 5.3196
YIQ	92.3810, 20.4960, -8.0160

Conversions

Conversions Part 2

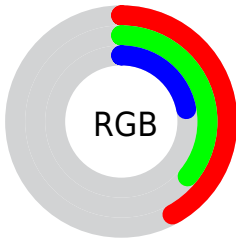
Format	Color
R_{YB}	77, 107, 56
Decimal	7035960
CIE Lab	39.69, 0.66, 22.90
CIE LCh	40, 22.914, 88.358
Yxy	11.0656, 0.3929, 0.4100
Android (android.graphics.Color)	4285226040 (0xFF6B5C38)
YUV	92.3810, -17.9358, 12.8209
Hunter-Lab	33.2650, -1.3122, 13.8041

Details

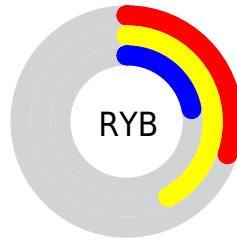
The Yxy color **11.0656, 0.3929, 0.4100** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.4091, 0.2356, 0.2310**, and the grayscale version is **10.8341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8191, 0.3727, 0.3888**, and **2.8801, 0.4340, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **10.4385, 0.4117, 0.4254**, and if you desaturate by 10%, it is **11.7387, 0.3743, 0.3932**.

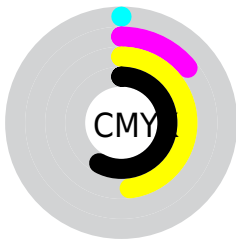
Distribution



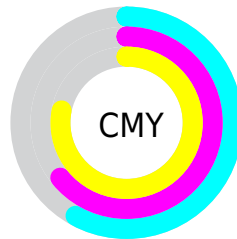
- Red (42%)
- Green (36%)
- Blue (22%)



- Red (30%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (14%)
- Yellow (48%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0656, 0.3929, 0.4100 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 11.0656, 0.3929, 0.4100 by changing the saturation by 10% instead.


 11.0656, 0.3929,
0.4100


 11.0656, 0.3929,
0.4100


198.1171, 0.3441,
0.3609


 6.1110, 0.4088,
0.4258

 27.7814, 0.3726,
0.3896


 2.9127, 0.4321,
0.4489

 40.3114, 0.3658,
0.3828

 1.0863, 0.4917,
0.5083

 56.1353, 0.3603,
0.3773

 0.0000, 0.0000,
0.0000

 75.6374, 0.3559,
0.3728

 99.2023, 0.3522,
0.3691

 127.2143, 0.3491,

0.3659

160.0577, 0.3464,
0.3632

■ 11.0656, 0.3929,
0.4100

■ 11.0656, 0.3929,
0.4100

■ 10.4385, 0.4117,
0.4254

■ 11.7387, 0.3743,
0.3932

■ 9.8543, 0.4301,
0.4385

■ 12.4580, 0.3563,
0.3758

■ 9.3114, 0.4472,
0.4484

■ 13.2253, 0.3394,
0.3584

■ 8.8079, 0.4623,
0.4543

■ 14.0421, 0.3238,
0.3415

■ 8.3378, 0.4758,
0.4571

■ 14.9096, 0.3095,
0.3253

■ 8.2306, 0.4791,
0.4578

■ 15.8292, 0.2965,
0.3100

■ 16.8020, 0.2847,
0.2958

■ 17.8293, 0.2742,
0.2826

■ 18.9119, 0.2647,
0.2704

Harmonies

Analogous

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



11.0656, 0.4151, 0.3772



11.0656, 0.3929, 0.4100



11.0656, 0.3498, 0.4230

Triad

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



11.0656, 0.3929, 0.4100



11.0656, 0.2259, 0.3093



11.0656, 0.3202, 0.2665

Complementary

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



11.0656, 0.3929, 0.4100



6.4091, 0.2356, 0.2310

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.



11.0656, 0.2704, 0.2491



11.0656, 0.3929, 0.4100



11.0656, 0.2195, 0.2695

Square

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



11.0656, 0.3929, 0.4100



11.0656, 0.2540, 0.3610



11.0656, 0.2350, 0.2493



11.0656, 0.3718, 0.2976

Rectangle

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



11.0656, 0.3929, 0.4100



11.0656, 0.3159, 0.4150



11.0656, 0.2350, 0.2493



11.0656, 0.3026, 0.2589

Sweetspot

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



11.0661, 0.3929, 0.4100



24.1505, 0.3342, 0.3528



6.4137, 0.3950, 0.2937



5.7871, 0.3369, 0.3557



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.0661, 0.3929, 0.4100



18.5899, 0.4135, 0.4268



13.3302, 0.3632, 0.4451



3.4407, 0.3258, 0.3437



9.9603, 0.4799, 0.4572



49.1957, 0.4842, 0.4537

Inverse Universe

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



6.4091, 0.2356, 0.2310



9.1827, 0.2169, 0.2034



5.0563, 0.2440, 0.1950



3.1568, 0.2997, 0.3139



2.4636, 0.1625, 0.1049



11.2122, 0.1599, 0.0955

Previews

White Background



This preview shows how the Yxy color 11.0656, 0.3929, 0.4100 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 11.0656, 0.3929, 0.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

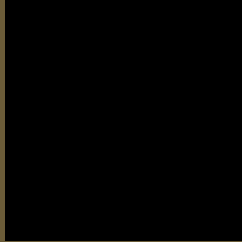
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0656, 0.3929, 0.4100

Background



This preview shows how black text looks on a background with the Yxy color 11.0656, 0.3929, 0.4100.



This preview shows how white text looks on a background with the Yxy color 11.0656, 0.3929, 0.4100.

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

11.0656, 0.3929, 0.4100

Protanopia

11.1256, 0.3810, 0.4147

Deuteranopia

10.9509, 0.4048, 0.3986



Tritanopia

11.0040, 0.3417, 0.3138

Trichromacy



Original Color

11.0656, 0.3929, 0.4100

Protanomaly

11.0672, 0.3853, 0.4116

Deuteranomaly

10.9872, 0.4003, 0.4017

Tritanomaly

11.0389, 0.3623, 0.3493

Monochromacy



Original Color

11.0656, 0.3929, 0.4100

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7602, 0.3405, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0656, 0.3929, 0.4100 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(107, 92, 56)` looks like.

```
.text, #text, p{  
    color:rgb(107, 92, 56)  
}
```

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(107, 92, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 92, 56) }
```

Border

The CSS property to change the border of an element to Yxy 11.0656, 0.3929, 0.4100 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(107, 92, 56) }
```

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

```
.border{ border-color:rgb(107, 92, 56) }
```

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

Here you see how a box with a 4 pixel rgb(107, 92, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 92, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 92, 56);  
box-shadow:4px 4px 4px 4px rgb(107, 92,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0656, 0.3929, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 92, 56) }
```

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

```
.background{ background-color: rgb(107, 92,  
56) }
```

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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