

Converting Colors

$Y_{xy}(10.6692, 0.3210, 0.6268)$

Have a look what the booklet for
 $Y_{xy}(10.6692, 0.3210, 0.6268)$
contains.

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Color

$Y_{xy}(10.6975, 0.3104, 0.5918)$

Conversions

Conversions Part 1

Format	Color
Hex	176B00
RGB	23, 107, 0
RGB Percent	9%, 42%, 0%
CMY	0.9098, 0.5804, 1.0000
CMYK	0.79, 0.00, 1.00, 0.58
HSL	107°, 100%, 21%
HSV	107°, 100%, 42%
XYZ	5.6109, 10.6975, 1.7679
YIQ	69.6860, -15.7170, -51.0850

Conversions

Conversions Part 2

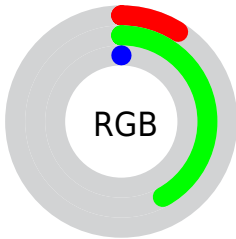
Format	Color
RYB	0, 107, 84
Decimal	1534720
CIELab	39.07, -42.67, 44.30
CIELCh	39, 61.506, 133.927
Yxy	10.6975, 0.3104, 0.5918
Android (android.graphics.Color)	4279724800 (0xFF176B00)
YUV	69.6860, -34.3552, -40.9436
Hunter-Lab	32.7070, -26.6158, 19.6902

Details

The Yxy color **10.6975, 0.3104, 0.5918** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **2.9464, 0.2696, 0.1259**, and the grayscale version is **6.1302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9866, 0.3226, 0.5177**, and **3.0261, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **10.6980, 0.3104, 0.5918**, and if you desaturate by 10%, it is **10.8369, 0.3132, 0.5758**.

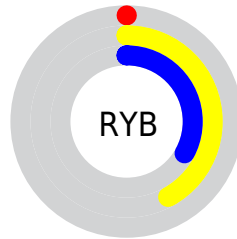
Distribution



Red (9%)

Green (42%)

Blue (0%)



Red (0%)

Yellow (42%)

Blue (33%)

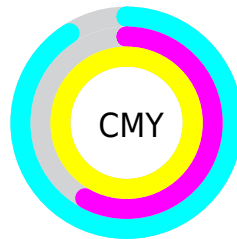


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (91%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6975, 0.3104, 0.5918 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 10.6975, 0.3104, 0.5918 by changing the saturation by 10% instead.


 10.6975, 0.3104,
0.5918


 10.6975, 0.3104,
0.5918


 195.5803, 0.3237,
0.4209


 5.8638, 0.2969,
0.6575

 27.0994, 0.3219,
0.5177


 2.7624, 0.2600,
0.7400


 39.4364, 0.3237,
0.4936

 1.0090, 0.0000,
1.0000

 55.0434, 0.3244,
0.4747

 0.0000, 0.0000,
0.0000


 74.3046, 0.3246,
0.4596

 97.6045, 0.3246,
0.4473


 125.3275, 0.3243,

0.4370

 157.8580, 0.3240,
0.4283


 10.6975, 0.3104,
0.5918


 10.6975, 0.3104,
0.5918


 10.6980, 0.3104,
0.5918

 10.8369, 0.3132,
0.5758

 11.0186, 0.3162,
0.5563

 11.2540, 0.3184,
0.5310

 11.5470, 0.3197,
0.5018

 11.9014, 0.3199,
0.4705

■ 12.3205, 0.3194,
0.4389

■ 12.8075, 0.3183,
0.4082

■ 13.3651, 0.3167,
0.3793

■ 13.9963, 0.3148,
0.3529

Harmonies

Analogous

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



10.6975, 0.4273, 0.5454



10.6975, 0.3104, 0.5918



10.6975, 0.2009, 0.4989

Triad

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



10.6975, 0.3104, 0.5918



10.6975, 0.1186, 0.1560



10.6975, 0.5296, 0.2843

Complementary

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



10.6975, 0.3104, 0.5918



2.9464, 0.2696, 0.1259

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.



10.6975, 0.3993, 0.2156



10.6975, 0.3104, 0.5918



10.6975, 0.1665, 0.1461

Square

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



10.6975, 0.3104, 0.5918



10.6975, 0.1060, 0.2072



10.6975, 0.2603, 0.1668



10.6975, 0.5734, 0.3610

Rectangle

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



10.6975, 0.3104, 0.5918



10.6975, 0.1475, 0.3806



10.6975, 0.2603, 0.1668



10.6975, 0.4928, 0.2601

Sweetspot

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



10.6980, 0.3104, 0.5918



22.8539, 0.3184, 0.4107



9.4384, 0.4611, 0.4721



5.4620, 0.3188, 0.4204



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.



10.6980, 0.3104, 0.5918



19.1076, 0.3089, 0.5929



10.6112, 0.2875, 0.5551



3.4733, 0.3146, 0.3503



13.0020, 0.3098, 0.5922



65.9306, 0.3069, 0.5945

Inverse Universe

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



2.9464, 0.2696, 0.1259



5.2224, 0.2682, 0.1251



3.6573, 0.4033, 0.1995



3.1327, 0.3106, 0.3082



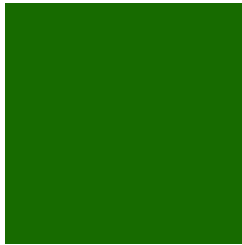
3.5711, 0.2691, 0.1256



17.8100, 0.2661, 0.1239

Previews

White Background



This preview shows how the Yxy color 10.6975, 0.3104, 0.5918 looks on a white background.

Color Contrast Check

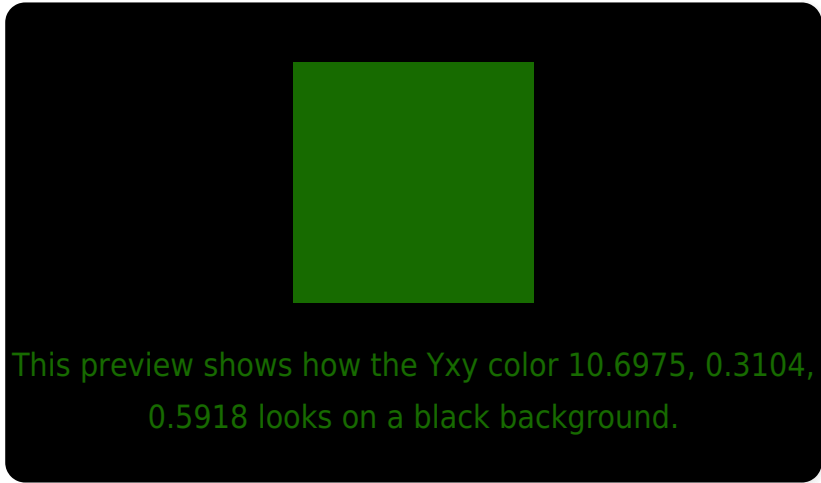
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6975, 0.3104, 0.5918

Background



This preview shows how black text looks on a background with the Yxy color 10.6975, 0.3104, 0.5918.



This preview shows how white text looks on a background with the Yxy color 10.6975, 0.3104, 0.5918.

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

10.6975, 0.3104, 0.5918

Protanopia

10.5973, 0.4399, 0.4889

Deuteranopia

10.5231, 0.4537, 0.4490



Tritanopia

10.6594, 0.2417, 0.3055

Trichromacy



Original Color

10.6975, 0.3104, 0.5918

Protanomaly

10.0452, 0.3821, 0.5348

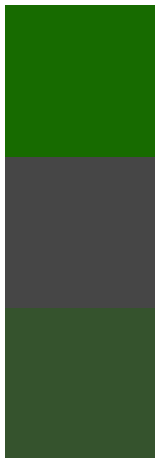
Deuteranomaly

9.8337, 0.3911, 0.5081

Tritanomaly

10.3835, 0.2750, 0.4262

Monochromacy



Original Color

10.6975, 0.3104, 0.5918

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

7.1329, 0.3194, 0.4525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6975, 0.3104, 0.5918 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(23, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 107, 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(23, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 107, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.6975, 0.3104, 0.5918 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(23, 107, 0) }
```

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

```
.border{ border-color:rgb(23, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(23, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(23, 107, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6975, 0.3104, 0.5918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 107, 0) }
```

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

```
.background{ background-color: rgb(23, 107,  
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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