

Converting Colors

$Y_{xy}(11.0192, 0.2806, 0.4931)$

Have a look what the booklet for
Yxy(11.0192, 0.2806, 0.4931)
contains.

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Color

Yxy(10.9455, 0.2806, 0.4928)

Conversions

Conversions Part 1

Format	Color
Hex	176B34
RGB	23, 107, 52
RGB Percent	9%, 42%, 20%
CMY	0.9095, 0.5804, 0.7961
CMYK	0.78, 0.00, 0.51, 0.58
HSL	141°, 65%, 26%
HSV	141°, 78%, 42%
XYZ	6.2324, 10.9455, 5.0330
YIQ	75.6140, -32.4090, -34.9130

Conversions

Conversions Part 2

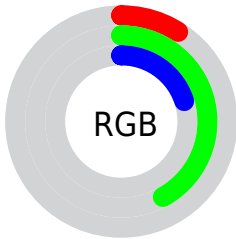
Format	Color
R_{YB}	23, 85, 107
Decimal	1534772
CIE _{Lab}	39.49, -37.55, 23.89
CIE _{LCh}	39, 44.508, 147.532
Yxy	10.9455, 0.2806, 0.4928
Android (android.graphics.Color)	4279724852 (0xFF176B34)
YUV	75.6140, -11.6417, -46.1425
Hunter-Lab	33.0840, -24.2711, 14.1392

Details

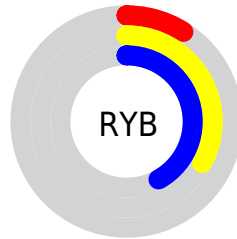
The Yxy color **10.9455, 0.2806, 0.4928** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.2932, 0.3936, 0.2181**, and the grayscale version is **7.1839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4657, 0.2920, 0.4433**, and **3.0415, 0.2928, 0.5739** is the 20% darker color. If you saturate the color by 10%, you get **10.7852, 0.2814, 0.5154**, and if you desaturate by 10%, it is **11.1672, 0.2814, 0.4690**.

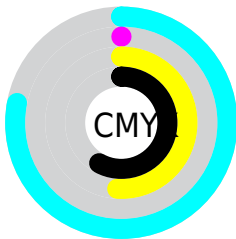
Distribution



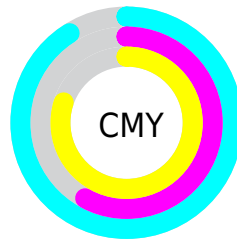
- Red (9%)
- Green (42%)
- Blue (20%)



- Red (9%)
- Yellow (33%)
- Blue (42%)



- Cyan (78%)
- Magenta (0%)
- Yellow (51%)
- Black (58%)




- Cyan (91%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9455, 0.2806, 0.4928 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 10.9455, 0.2806, 0.4928 by changing the saturation by 10% instead.


 10.9455, 0.2806,
0.4928


 10.9455, 0.2806,
0.4928


197.2933, 0.3042,
0.3852


 6.0302, 0.2688,
0.5352

 27.5593, 0.2923,
0.4444


 2.8635, 0.2481,
0.6078


 40.0267, 0.2956,
0.4294

 1.0609, 0.0715,
0.9285

 55.7801, 0.2980,
0.4178

 0.0000, 0.0000,
0.0000

 75.2041, 0.2999,
0.4086

 98.6830, 0.3013,
0.4011

 126.6013, 0.3025,

0.3949

159.3432, 0.3034,
0.3897

10.9455, 0.2806,
0.4928

10.9455, 0.2806,
0.4928

10.7852, 0.2814,
0.5154

11.1672, 0.2814,
0.4690

10.6655, 0.2830,
0.5363

11.4548, 0.2836,
0.4450

10.6475, 0.2832,
0.5395

11.8139, 0.2871,
0.4215

12.2491, 0.2915,
0.3991

12.7646, 0.2966,
0.3783

■ 13.3644, 0.3021,
0.3593

■ 14.0521, 0.3079,
0.3421

■ 14.8311, 0.3136,
0.3267

■ 15.7046, 0.3193,
0.3131

Harmonies

Analogous

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



10.9455, 0.3728, 0.5138



10.9455, 0.2806, 0.4928



10.9455, 0.2021, 0.3941

Triad

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



10.9455, 0.2806, 0.4928



10.9455, 0.1734, 0.1869



10.9455, 0.4961, 0.3301

Complementary

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



10.9455, 0.2806, 0.4928



4.2932, 0.3936, 0.2181

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.



10.9455, 0.4238, 0.2673



10.9455, 0.2806, 0.4928



10.9455, 0.2303, 0.1892

Square

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



10.9455, 0.2806, 0.4928



10.9455, 0.1496, 0.2158



10.9455, 0.3202, 0.2175



10.9455, 0.5041, 0.3986

Rectangle

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



10.9455, 0.2806, 0.4928



10.9455, 0.1683, 0.3182



10.9455, 0.3202, 0.2175



10.9455, 0.4783, 0.3083

Sweetspot

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



10.9459, 0.2806, 0.4928



23.2422, 0.2986, 0.3710



12.2405, 0.3660, 0.5186



5.5572, 0.2972, 0.3763



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.



10.9459, 0.2806, 0.4928



19.1485, 0.2831, 0.5325



11.4885, 0.2428, 0.3676



3.4604, 0.3075, 0.3430



12.9487, 0.2837, 0.5413



65.8295, 0.2865, 0.5513

Inverse Universe

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



4.2932, 0.3936, 0.2181



6.6029, 0.4198, 0.2131



3.8760, 0.5267, 0.3044



3.1470, 0.3183, 0.3154



4.3369, 0.4265, 0.2123



21.9303, 0.4342, 0.2165

Previews

White Background



This preview shows how the Yxy color 10.9455, 0.2806, 0.4928 looks on a white background.

Color Contrast Check

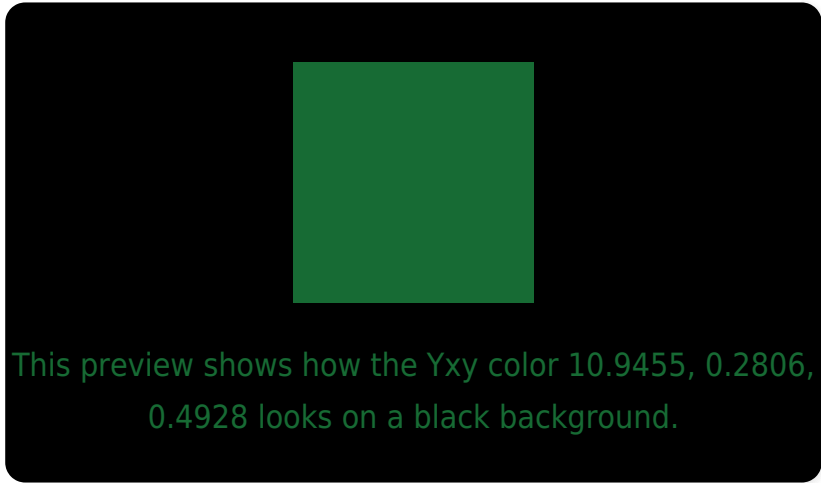
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9455, 0.2806, 0.4928

Background



This preview shows how black text looks on a background with the Yxy color 10.9455, 0.2806, 0.4928.



This preview shows how white text looks on a background with the Yxy color 10.9455, 0.2806, 0.4928.

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

10.9455, 0.2806, 0.4928

Protanopia

10.8587, 0.3958, 0.4338

Deuteranopia

10.7196, 0.4042, 0.3971



Tritanopia

10.9923, 0.2394, 0.3081

Trichromacy



Original Color

10.9455, 0.2806, 0.4928

Protanomaly

10.3736, 0.3402, 0.4601

Deuteranomaly

10.1657, 0.3456, 0.4343

Tritanomaly

10.8171, 0.2542, 0.3710

Monochromacy



Original Color

10.9455, 0.2806, 0.4928

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

8.0915, 0.2944, 0.3899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9455, 0.2806, 0.4928 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(23, 107, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 107, 52) }
```

Border

The CSS property to change the border of an element to Yxy 10.9455, 0.2806, 0.4928 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, 52) }
```

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

```
.border{ border-color:rgb(23, 107, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 107, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 107, 52);  
box-shadow:4px 4px 4px 4px rgb(23, 107,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9455, 0.2806, 0.4928 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, 52) }
```

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

```
.background{ background-color: rgb(23, 107,  
52) }
```

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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