

Converting Colors

$Y_{xy}(19.2729, 0.2938, 0.5648)$

Have a look what the booklet for
Yxy(19.2729, 0.2938, 0.5648)
contains.

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Color

$Y_{xy}(19.2705, 0.2935, 0.5642)$

Conversions

Conversions Part 1

Format	Color
Hex	0E8D24
RGB	14, 141, 36
RGB Percent	5%, 55%, 14%
CMY	0.9450, 0.4471, 0.8588
CMYK	0.90, 0.00, 0.74, 0.45
HSL	130°, 82%, 30%
HSV	130°, 90%, 55%
XYZ	10.0246, 19.2705, 4.8603
YIQ	91.0570, -41.9870, -59.5790

Conversions

Conversions Part 2

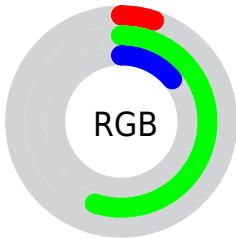
Format	Color
R_{YB}	14, 122, 141
Decimal	953636
CIE Lab	51.00, -52.57, 44.57
CIE LCh	51, 68.921, 139.703
Yxy	19.2705, 0.2935, 0.5642
Android (android.graphics.Color)	4279143716 (0xFF0E8D24)
YUV	91.0570, -27.1431, -67.5790
Hunter-Lab	43.8982, -36.0594, 24.1643

Details

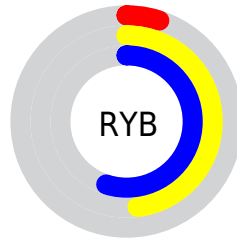
The Yxy color **19.2705, 0.2935, 0.5642** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **7.3098, 0.3628, 0.1833**, and the grayscale version is **10.5472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2591, 0.3045, 0.5041**, and **7.1448, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **19.1181, 0.2949, 0.5815**, and if you desaturate by 10%, it is **19.5096, 0.2925, 0.5417**.

Distribution



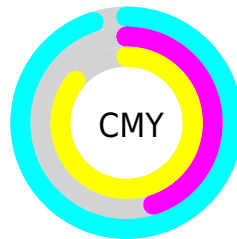
- Red (5%)
- Green (55%)
- Blue (14%)



- Red (5%)
- Yellow (48%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (74%)
- Black (45%)





- Cyan (95%)
- Magenta (45%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2705, 0.2935, 0.5642 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 19.2705, 0.2935, 0.5642 by changing the saturation by 10% instead.


 19.2705, 0.2935,
0.5642


 19.2705, 0.2935,
0.5642

247.9380, 0.3133,
0.4201


 11.8659, 0.2816,
0.6100


 42.1907, 0.3048,
0.5045


 6.6524, 0.2609,
0.6760


 58.4751, 0.3076,
0.4843

 3.2457, 0.2226,
0.7774

 78.4881, 0.3095,
0.4682

 1.2613, 0.0000,
1.0000

 102.6143, 0.3108,
0.4550

 0.1109, 0.0000,
1.0000

 131.2380, 0.3117,
0.4440

 0.0000, 0.0000,
0.0000

 164.7436, 0.3124,

0.4348

203.5155, 0.3129,
0.4269

■ 19.2705, 0.2935,
0.5642

■ 19.2705, 0.2935,
0.5642

■ 19.1181, 0.2949,
0.5815

■ 19.5096, 0.2925,
0.5417

■ 19.8664, 0.2926,
0.5150

■ 20.3550, 0.2938,
0.4858

■ 20.9871, 0.2959,
0.4557

■ 21.7728, 0.2987,
0.4261

■ 22.7214, 0.3020,
0.3983

■ 23.8414, 0.3055,
0.3726

■ 25.1409, 0.3091,
0.3496

■ 26.6272, 0.3127,
0.3291

Harmonies

Analogous

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



19.2705, 0.4037, 0.5462



19.2705, 0.2935, 0.5642



19.2705, 0.1934, 0.4541

Triad

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



19.2705, 0.2935, 0.5642



19.2705, 0.1348, 0.1617



19.2705, 0.5289, 0.3029

Complementary

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



19.2705, 0.2935, 0.5642



7.3098, 0.3628, 0.1833

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.



19.2705, 0.4196, 0.2345



19.2705, 0.2935, 0.5642



19.2705, 0.1889, 0.1576

Square

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



19.2705, 0.2935, 0.5642



19.2705, 0.1166, 0.2029



19.2705, 0.2871, 0.1829



19.2705, 0.5542, 0.3790

Rectangle

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



19.2705, 0.2935, 0.5642



19.2705, 0.1478, 0.3476



19.2705, 0.2871, 0.1829



19.2705, 0.4999, 0.2790

Sweetspot

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



19.2713, 0.2935, 0.5642



41.1571, 0.3028, 0.3917



23.0637, 0.3907, 0.5201



9.0690, 0.3018, 0.3995



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.2713, 0.2935, 0.5642



34.2182, 0.2956, 0.5842



20.0385, 0.2544, 0.4269



6.0437, 0.3094, 0.3477



17.4333, 0.2947, 0.5810



0.1690, 0.2777, 0.5197

Inverse Universe

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



7.3098, 0.3628, 0.1833



12.4018, 0.3702, 0.1813



6.2664, 0.5273, 0.2785



5.4952, 0.3162, 0.3110



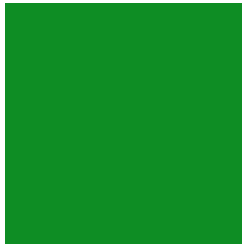
6.3276, 0.3688, 0.1805



0.0632, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 19.2705, 0.2935, 0.5642 looks on a white 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

Black Background



This preview shows how the Yxy color 19.2705, 0.2935, 0.5642 looks on a black 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

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

Yxy 19.2705, 0.2935, 0.5642

Background



This preview shows how black text looks on a background with the Yxy color 19.2705, 0.2935, 0.5642.



This preview shows how white text looks on a background with the Yxy color 19.2705, 0.2935, 0.5642.

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

19.2705, 0.2935, 0.5642

Protanopia

19.0079, 0.4277, 0.4716

Deuteranopia

18.9428, 0.4427, 0.4367



Tritanopia

19.1154, 0.2371, 0.3062

Trichromacy



Original Color

19.2705, 0.2935, 0.5642



Protanomaly

17.8235, 0.3601, 0.5173



Deuteranomaly

17.3492, 0.3691, 0.4929



Tritanomaly

18.8208, 0.2590, 0.4025

Monochromacy



Original Color

19.2705, 0.2935, 0.5642



Achromatopsia

10.4616, 0.3127, 0.3290



Achromatomaly

12.4490, 0.2983, 0.4291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2705, 0.2935, 0.5642 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(14, 141, 36)` looks like.

```
.text, #text, p{  
    color:rgb(14, 141, 36)  
}
```

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(14, 141, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 141, 36) }
```

Border

The CSS property to change the border of an element to Yxy 19.2705, 0.2935, 0.5642 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(14, 141, 36) }
```

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

```
.border{ border-color:rgb(14, 141, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 141, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 141, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 141, 36);  
box-shadow:4px 4px 4px 4px rgb(14, 141,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2705, 0.2935, 0.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 141, 36) }
```

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

```
.background{ background-color: rgb(14, 141,  
36) }
```

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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