

Converting Colors

$Yxy(20.2407, 0.3011, 0.5758)$

Have a look what the booklet for
Yxy(20.2407, 0.3011, 0.5758)
contains.

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Color

Yxy(20.2407, 0.3011, 0.5758)

Conversions

Conversions Part 1

Format	Color
Hex	1A901A
RGB	26, 144, 26
RGB Percent	10%, 56%, 10%
CMY	0.8983, 0.4353, 0.8980
CMYK	0.82, 0.00, 0.82, 0.44
HSL	120°, 69%, 33%
HSV	120°, 82%, 56%
XYZ	10.5844, 20.2407, 4.3272
YIQ	95.2660, -32.4500, -61.7140

Conversions

Conversions Part 2

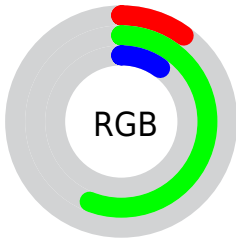
Format	Color
R_{YB}	26, 144, 144
Decimal	1740826
CIE _{Lab}	52.11, -53.02, 49.18
CIE _{LCh}	52, 72.312, 137.152
Yxy	20.2407, 0.3011, 0.5758
Android (android.graphics.Color)	4279930906 (0xFF1A901A)
YUV	95.2660, -34.1481, -60.7463
Hunter-Lab	44.9897, -36.7376, 25.7901

Details

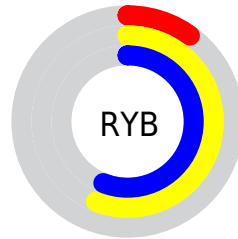
The Yxy color **20.2407, 0.3011, 0.5758** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8.6758, 0.3206, 0.1646**, and the grayscale version is **11.5958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8206, 0.3114, 0.5144**, and **7.6543, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **20.0487, 0.3004, 0.5914**, and if you desaturate by 10%, it is **20.5619, 0.3022, 0.5522**.

Distribution



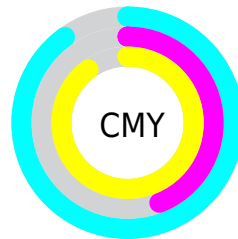
- Red (10%)
- Green (56%)
- Blue (10%)



- Red (10%)
- Yellow (56%)
- Blue (56%)



- Cyan (82%)
- Magenta (0%)
- Yellow (82%)
- Black (44%)





- Cyan (90%)
- Magenta (44%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2407, 0.3011, 0.5758 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 20.2407, 0.3011, 0.5758 by changing the saturation by 10% instead.


 20.2407, 0.3011,
0.5758


 20.2407, 0.3011,
0.5758


253.2152, 0.3179,
0.4265

 12.5701, 0.2893,
0.6214


 43.8204, 0.3117,
0.5149


 7.1332, 0.2698,
0.6884


 60.4983, 0.3141,
0.4940


 3.5456, 0.2279,
0.7721

 80.9474, 0.3156,
0.4771

 1.4227, 0.0000,
1.0000

 105.5521, 0.3166,
0.4633

 0.2334, 0.0000,
1.0000


 134.6969, 0.3172,
0.4517

 0.0000, 0.0000,
0.0000


 168.7660, 0.3176,


0.4420


 208.1440, 0.3178,
0.4337

 20.2407, 0.3011,
0.5758


 20.2407, 0.3011,
0.5758


 20.0487, 0.3004,
0.5914


 20.5619, 0.3022,
0.5522

 19.9486, 0.3000,
0.5999

 21.0266, 0.3036,
0.5224

 21.6500, 0.3052,
0.4888

 22.4446, 0.3068,
0.4539

 23.4219, 0.3084,
0.4198

■ 24.5921, 0.3099,
0.3880

■ 25.9648, 0.3113,
0.3592

■ 27.5490, 0.3125,
0.3337

■ 29.3530, 0.3136,
0.3114

Harmonies

Analogous

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



20.2407, 0.4133, 0.5453



20.2407, 0.3011, 0.5758



20.2407, 0.1970, 0.4724

Triad

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



20.2407, 0.3011, 0.5758



20.2407, 0.1281, 0.1596



20.2407, 0.5288, 0.2951

Complementary

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



20.2407, 0.3011, 0.5758



8.6758, 0.3206, 0.1646

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.



20.2407, 0.4108, 0.2266



20.2407, 0.3011, 0.5758



20.2407, 0.1795, 0.1530

Square

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



20.2407, 0.3011, 0.5758



20.2407, 0.1124, 0.2050



20.2407, 0.2757, 0.1763



20.2407, 0.5618, 0.3714

Rectangle

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



20.2407, 0.3011, 0.5758



20.2407, 0.1481, 0.3611



20.2407, 0.2757, 0.1763



20.2407, 0.4965, 0.2711

Sweetspot

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



20.2415, 0.3011, 0.5758



42.6061, 0.3094, 0.3989



25.9523, 0.4130, 0.4948



9.6218, 0.3089, 0.4089



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



20.2415, 0.3011, 0.5758



35.2136, 0.3001, 0.5984



20.8222, 0.2685, 0.4645



6.0295, 0.3116, 0.3517



17.3701, 0.3000, 0.5999



0.1661, 0.2999, 0.5995

Inverse Universe

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



8.6758, 0.3206, 0.1646



14.0836, 0.3211, 0.1549



7.3204, 0.4485, 0.2431



5.5110, 0.3137, 0.3073



6.9136, 0.3211, 0.1543



0.0661, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 20.2407, 0.3011, 0.5758 looks on a white background.

Color Contrast Check

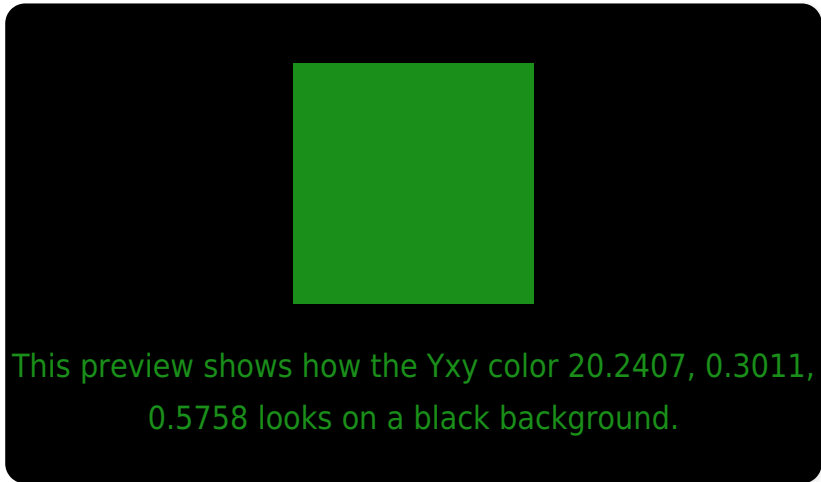
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 20.2407, 0.3011, 0.5758

Background



This preview shows how black text looks on a background with the Yxy color 20.2407, 0.3011, 0.5758.



This preview shows how white text looks on a background with the Yxy color 20.2407, 0.3011, 0.5758.

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

20.2407, 0.3011, 0.5758

Protanopia

19.9584, 0.4329, 0.4802

Deuteranopia

19.8443, 0.4515, 0.4422



Tritanopia

20.1845, 0.2394, 0.3068

Trichromacy



Original Color

20.2407, 0.3011, 0.5758



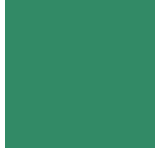
Protanomaly

18.8911, 0.3701, 0.5254



Deuteranomaly

18.4882, 0.3806, 0.4999



Tritanomaly

19.8144, 0.2649, 0.4099

Monochromacy



Original Color

20.2407, 0.3011, 0.5758



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

13.5545, 0.3076, 0.4373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2407, 0.3011, 0.5758 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(26, 144, 26)` looks like.

```
.text, #text, p{  
    color:rgb(26, 144, 26)  
}
```

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(26, 144, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 144, 26) }
```

Border

The CSS property to change the border of an element to Yxy 20.2407, 0.3011, 0.5758 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(26, 144, 26) }
```

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

```
.border{ border-color:rgb(26, 144, 26) }
```

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

Here you see how a box with a 4 pixel rgb(26, 144, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 144, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 144, 26);  
box-shadow:4px 4px 4px 4px rgb(26, 144,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2407, 0.3011, 0.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 144, 26) }
```

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

```
.background{ background-color: rgb(26, 144,  
26) }
```

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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