

Converting Colors

$Y_{xy}(20.0620, 0.3298, 0.5756)$

Have a look what the booklet for
Yxy(20.0620, 0.3298, 0.5756)
contains.

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Color

Yxy(20.0761, 0.3301, 0.5754)

Conversions

Conversions Part 1

Format	Color
Hex	3E8D01
RGB	62, 141, 1
RGB Percent	24%, 55%, 0%
CMY	0.7568, 0.4471, 0.9960
CMYK	0.56, 0.00, 0.99, 0.45
HSL	94°, 99%, 28%
HSV	94°, 99%, 55%
XYZ	11.5174, 20.0761, 3.2972
YIQ	101.4190, -2.1440, -60.2880

Conversions

Conversions Part 2

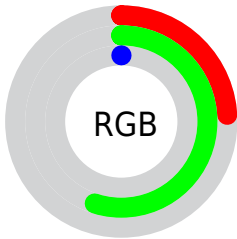
Format	Color
R_{YB}	1, 141, 80
Decimal	4099329
CIE _{Lab}	51.92, -45.35, 54.77
CIE _{LCh}	52, 71.107, 129.624
Yxy	20.0761, 0.3301, 0.5754
Android (android.graphics.Color)	4282289409 (0xFF3E8D01)
YUV	101.4190, -49.5066, -34.5705
Hunter-Lab	44.8064, -32.5279, 27.0015

Details

The Yxy color **20.0761, 0.3301, 0.5754** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **3.6517, 0.2182, 0.0980**, and the grayscale version is **13.2611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3695, 0.3357, 0.5170**, and **7.3123, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **20.0561, 0.3298, 0.5763**, and if you desaturate by 10%, it is **20.3860, 0.3346, 0.5620**.

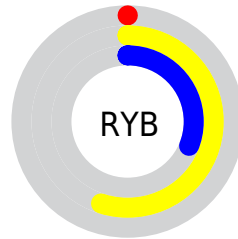
Distribution



Red (24%)

Green (55%)

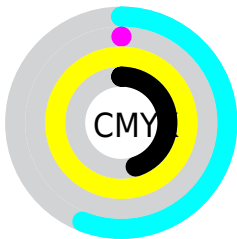
Blue (0%)



Red (0%)

Yellow (55%)

Blue (31%)

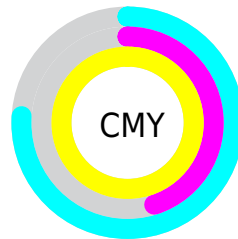


Cyan (56%)

Magenta (0%)

Yellow (99%)

Black (45%)



Cyan (76%)


Magenta (45%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0761, 0.3301, 0.5754 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 20.0761, 0.3301, 0.5754 by changing the saturation by 10% instead.


 20.0761, 0.3301,
0.5754


 20.0761, 0.3301,
0.5754


252.3268, 0.3320,
0.4296


 12.4504, 0.3213,
0.6168


 43.5447, 0.3356,
0.5176


 7.0512, 0.3107,
0.6875


 60.1564, 0.3360,
0.4971


 3.4941, 0.2639,
0.7361

 80.5322, 0.3357,
0.4805

 1.3948, 0.0957,
0.9043

 105.0566, 0.3351,
0.4667

 0.2129, 0.0000,
1.0000


 134.1138, 0.3344,
0.4551


 0.0000, 0.0000,
0.0000


 168.0883, 0.3336,

0.4453

 207.3645, 0.3328,
0.4369


 20.0761, 0.3301,
0.5754


 20.0761, 0.3301,
0.5754

 20.0561, 0.3298,
0.5763

 20.3860, 0.3346,
0.5620

 20.7566, 0.3378,
0.5441

 21.1999, 0.3391,
0.5212

 21.7211, 0.3386,
0.4944

 22.3248, 0.3364,
0.4654

■ 23.0153, 0.3328,
0.4355

■ 23.7963, 0.3284,
0.4060

■ 24.6715, 0.3233,
0.3778

■ 25.6443, 0.3178,
0.3515

Harmonies

Analogous

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



20.0761, 0.4395, 0.5236



20.0761, 0.3301, 0.5754



20.0761, 0.2221, 0.5071

Triad

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



20.0761, 0.3301, 0.5754



20.0761, 0.1228, 0.1685



20.0761, 0.5028, 0.2778

Complementary

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



20.0761, 0.3301, 0.5754



3.6517, 0.2182, 0.0980

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.



20.0761, 0.3746, 0.2130



20.0761, 0.3301, 0.5754



20.0761, 0.1643, 0.1534

Square

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



20.0761, 0.3301, 0.5754



20.0761, 0.1156, 0.2264



20.0761, 0.2479, 0.1693



20.0761, 0.5597, 0.3521

Rectangle

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



20.0761, 0.3301, 0.5754



20.0761, 0.1658, 0.4019



20.0761, 0.2479, 0.1693



20.0761, 0.4647, 0.2547

Sweetspot

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



20.0770, 0.3301, 0.5754



42.4126, 0.3290, 0.4100



11.1156, 0.5218, 0.4229



9.3552, 0.3307, 0.4208



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.



20.0770, 0.3301, 0.5754



35.8200, 0.3283, 0.5775



19.0745, 0.2988, 0.5949



6.1371, 0.3178, 0.3513



18.2960, 0.3301, 0.5761



0.1876, 0.3648, 0.5485

Inverse Universe

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



3.6517, 0.2182, 0.0980



6.3638, 0.2155, 0.0961



7.4065, 0.3334, 0.1614



5.3956, 0.3072, 0.3069



3.3011, 0.2178, 0.0973



0.0446, 0.2637, 0.1227

Previews

White Background



This preview shows how the Yxy color 20.0761, 0.3301, 0.5754 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 20.0761, 0.3301, 0.5754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

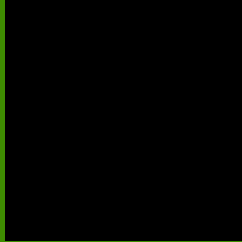
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0761, 0.3301, 0.5754

Background



This preview shows how black text looks on a background with the Yxy color 20.0761, 0.3301, 0.5754.



This preview shows how white text looks on a background with the Yxy color 20.0761, 0.3301, 0.5754.

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

20.0761, 0.3301, 0.5754

Protanopia

19.9043, 0.4391, 0.4895

Deuteranopia

19.7799, 0.4589, 0.4516



Tritanopia

20.0246, 0.2542, 0.3072

Trichromacy



Original Color

20.0761, 0.3301, 0.5754

Protanomaly

19.3448, 0.3945, 0.5250

Deuteranomaly

19.0337, 0.4072, 0.5013

Tritanomaly

19.5791, 0.2925, 0.4256

Monochromacy



Original Color

20.0761, 0.3301, 0.5754

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

14.8987, 0.3340, 0.4472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0761, 0.3301, 0.5754 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(62, 141, 1)` looks like.

```
.text, #text, p{  
    color:rgb(62, 141, 1)  
}
```

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(62, 141, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 141, 1) }
```

Border

The CSS property to change the border of an element to Yxy 20.0761, 0.3301, 0.5754 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(62, 141, 1) }
```

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

```
.border{ border-color:rgb(62, 141, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 141, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 141, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 141, 1);  
box-shadow:4px 4px 4px 4px rgb(62, 141, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 20.0761, 0.3301, 0.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 141, 1) }
```

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

```
.background{ background-color: rgb(62, 141,  
1) }
```

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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