

Converting Colors

$Yxy(20.6663, 0.3091, 0.5928)$

Have a look what the booklet for
Yxy(20.6663, 0.3091, 0.5928)
contains.

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Color

Yxy(20.5579, 0.3091, 0.5928)

Conversions

Conversions Part 1

Format	Color
Hex	209100
RGB	32, 145, 0
RGB Percent	13%, 57%, 0%
CMY	0.8748, 0.4313, 1.0000
CMYK	0.78, 0.00, 1.00, 0.43
HSL	107°, 100%, 28%
HSV	107°, 100%, 57%
XYZ	10.7194, 20.5579, 3.4020
YIQ	94.6830, -20.8030, -69.0510

Conversions

Conversions Part 2

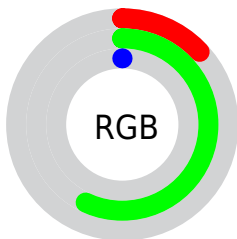
Format	Color
RYB	0, 145, 113
Decimal	2134272
CIELab	52.46, -53.52, 55.05
CIELCh	52, 76.778, 134.197
Yxy	20.5579, 0.3091, 0.5928
Android (android.graphics.Color)	4280324352 (0xFF209100)
YUV	94.6830, -46.6787, -54.9730
Hunter-Lab	45.3408, -37.1459, 27.2899

Details

The Yxy color **20.5579, 0.3091, 0.5928** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.5601, 0.2668, 0.1243**, and the grayscale version is **11.4773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3226, 0.3195, 0.5297**, and **7.8287, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **20.5588, 0.3091, 0.5928**, and if you desaturate by 10%, it is **20.8047, 0.3126, 0.5799**.

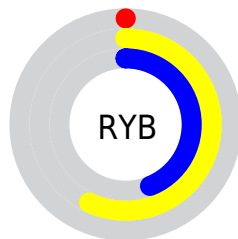
Distribution



Red (13%)

Green (57%)

Blue (0%)



Red (0%)

Yellow (57%)

Blue (44%)

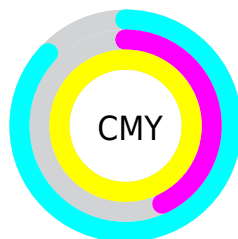


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (87%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5579, 0.3091, 0.5928 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 20.5579, 0.3091, 0.5928 by changing the saturation by 10% instead.


 20.5579, 0.3091,
0.5928


 20.5579, 0.3091,
0.5928


254.9196, 0.3237,
0.4351


 12.8012, 0.2965,
0.6385

 44.3506, 0.3198,
0.5297

 7.2918, 0.2794,
0.7143


 61.1554, 0.3219,
0.5075


 3.6453, 0.2279,
0.7721

 81.7450, 0.3231,
0.4896

 1.4772, 0.0032,
0.9968

 106.5039, 0.3237,
0.4748


 0.2726, 0.0000,
1.0000


 135.8164, 0.3240,
0.4624


 0.0000, 0.0000,
0.0000


 170.0669, 0.3240,

0.4519


 209.6398, 0.3239,
0.4429

 20.5579, 0.3091,
0.5928


 20.5579, 0.3091,
0.5928


 20.5588, 0.3091,
0.5928

 20.8047, 0.3126,
0.5799

 21.1410, 0.3160,
0.5614

 21.5842, 0.3185,
0.5367

 22.1429, 0.3199,
0.5073

 22.8250, 0.3203,
0.4753

■ 23.6376, 0.3198,
0.4427

■ 24.5873, 0.3186,
0.4109

■ 25.6801, 0.3169,
0.3810

■ 26.9218, 0.3149,
0.3536

Harmonies

Analogous

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



20.5579, 0.4251, 0.5450



20.5579, 0.3091, 0.5928



20.5579, 0.1995, 0.4982

Triad

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



20.5579, 0.3091, 0.5928



20.5579, 0.1183, 0.1552



20.5579, 0.5313, 0.2847

Complementary

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



20.5579, 0.3091, 0.5928



5.5601, 0.2668, 0.1243

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.



20.5579, 0.4009, 0.2158



20.5579, 0.3091, 0.5928



20.5579, 0.1667, 0.1457

Square

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



20.5579, 0.3091, 0.5928



20.5579, 0.1054, 0.2060



20.5579, 0.2612, 0.1667



20.5579, 0.5741, 0.3616

Rectangle

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



20.5579, 0.3091, 0.5928



20.5579, 0.1463, 0.3791



20.5579, 0.2612, 0.1667



20.5579, 0.4946, 0.2604

Sweetspot

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



20.5588, 0.3091, 0.5928



43.9142, 0.3187, 0.4128



17.4267, 0.4665, 0.4678



9.6222, 0.3192, 0.4246



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.



20.5588, 0.3091, 0.5928



36.7492, 0.3080, 0.5936



20.3971, 0.2900, 0.5641



6.0831, 0.3147, 0.3515



17.6423, 0.3094, 0.5925



0.1769, 0.3362, 0.5713

Inverse Universe

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



5.5601, 0.2668, 0.1243



9.8775, 0.2656, 0.1237



7.0680, 0.4004, 0.1980



5.4520, 0.3104, 0.3071



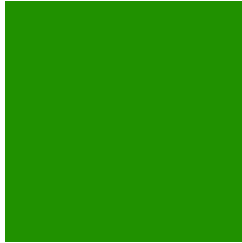
4.7803, 0.2671, 0.1245



0.0553, 0.2944, 0.1395

Previews

White Background



This preview shows how the Yxy color 20.5579, 0.3091, 0.5928 looks on a white background.

Color Contrast Check

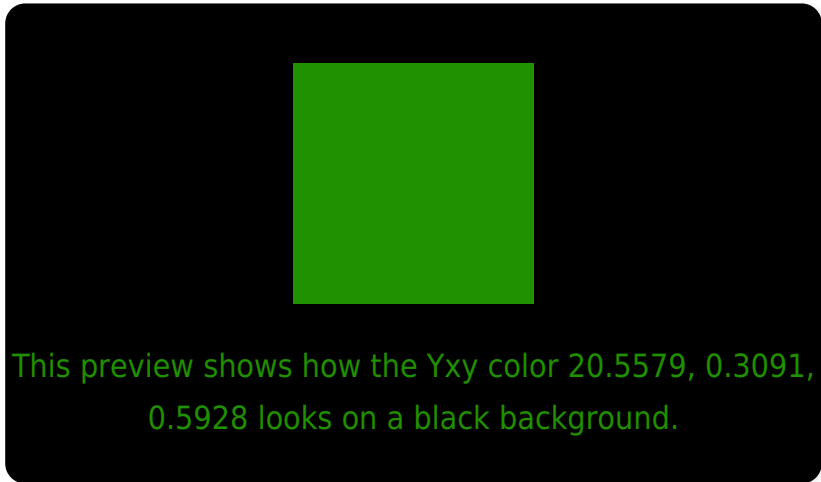
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5579, 0.3091, 0.5928

Background



This preview shows how black text looks on a background with the Yxy color 20.5579, 0.3091, 0.5928.



This preview shows how white text looks on a background with the Yxy color 20.5579, 0.3091, 0.5928.

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

20.5579, 0.3091, 0.5928

Protanopia

20.2427, 0.4390, 0.4896

Deuteranopia

20.1237, 0.4576, 0.4506



Tritanopia

20.5966, 0.2410, 0.3070

Trichromacy



Original Color

20.5579, 0.3091, 0.5928

Protanomaly

19.2692, 0.3795, 0.5369

Deuteranomaly

18.8684, 0.3912, 0.5125

Tritanomaly

20.0398, 0.2748, 0.4326

Monochromacy



Original Color

20.5579, 0.3091, 0.5928

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

13.5142, 0.3206, 0.4613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5579, 0.3091, 0.5928 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(32, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(32, 145, 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(32, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 20.5579, 0.3091, 0.5928 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(32, 145, 0) }
```

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

```
.border{ border-color:rgb(32, 145, 0) }
```

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

Here you see how a box with a 4 pixel rgb(32, 145, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(32, 145, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 20.5579, 0.3091, 0.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 145, 0) }
```

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

```
.background{ background-color: rgb(32, 145,  
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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