

Converting Colors

$Y_{xy}(29.1252, 0.3560, 0.3681)$

Have a look what the booklet for
Yxy(29.1252, 0.3560, 0.3681)
contains.

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Color

Yxy(29.1839, 0.3557, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	A19178
RGB	161, 145, 120
RGB Percent	63%, 57%, 47%
CMY	0.3687, 0.4313, 0.5295
CMYK	0.00, 0.10, 0.25, 0.37
HSL	37°, 18%, 55%
HSV	37°, 25%, 63%
XYZ	28.2085, 29.1839, 21.9117
YIQ	146.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

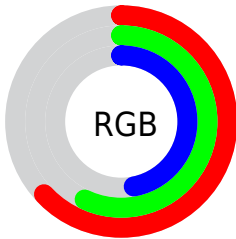
Format	Color
R_{YB}	146, 161, 120
Decimal	10588536
CIE _{Lab}	60.94, 1.86, 15.46
CIE _{LCh}	61, 15.571, 83.129
Yxy	29.1839, 0.3557, 0.3680
Android (android.graphics.Color)	4288778616 (0xFFA19178)
YUV	146.9340, -13.2785, 12.3359
Hunter-Lab	54.0221, -1.3323, 13.7671

Details

The Yxy color $29.1839, 0.3557, 0.3680$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $24.1572, 0.2725, 0.2866$, and the grayscale version is $29.1983, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4243, 0.3469, 0.3607$, and $11.8906, 0.3712, 0.3826$ is the 20% darker color. If you saturate the color by 10%, you get $26.9636, 0.3757, 0.3839$, and if you desaturate by 10%, it is $31.5782, 0.3374, 0.3522$.

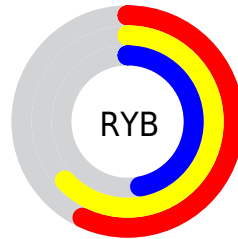
Distribution



Red (63%)

Green (57%)

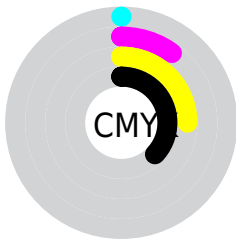
Blue (47%)



Red (57%)

Yellow (63%)

Blue (47%)

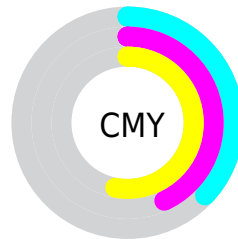


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (37%)



Cyan (37%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1839, 0.3557, 0.3680 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 29.1839, 0.3557, 0.3680 by changing the saturation by 10% instead.


 29.1839, 0.3557,
0.3680


 29.1839, 0.3557,
0.3680


298.0817, 0.3325,
0.3472

 19.2200, 0.3621,
0.3737


 58.3691, 0.3469,
0.3601

 11.8293, 0.3706,
0.3812


 78.3593, 0.3437,
0.3572

 6.6276, 0.3826,
0.3916


 102.4602, 0.3410,
0.3548

 3.2303, 0.4006,
0.4070

131.0564, 0.3388,
0.3528

 1.2531, 0.4558,
0.4572

164.5323, 0.3369,
0.3511

 0.1045, 0.5809,
0.4191

203.2722, 0.3352,

 0.0000, 0.0000,

0.3496

0.0000

247.6605, 0.3338,
0.3483

■ 29.1839, 0.3557,
0.3680

■ 29.1839, 0.3557,
0.3680

■ 26.9636, 0.3757,
0.3839

■ 31.5782, 0.3374,
0.3522

■ 24.9084, 0.3971,
0.3994

■ 34.1473, 0.3210,
0.3370

■ 23.0144, 0.4194,
0.4136

■ 36.8969, 0.3062,
0.3226

■ 21.2757, 0.4420,
0.4254

■ 39.8314, 0.2931,
0.3091

■ 19.6863, 0.4637,
0.4337

■ 42.9548, 0.2815,
0.2967

■ 18.2391, 0.4835,
0.4376

■ 46.2710, 0.2713,
0.2852

■ 16.9256, 0.5003,
0.4365

■ 49.7840, 0.2622,
0.2747

■ 16.3655, 0.5076,
0.4352

■ 53.4974, 0.2542,
0.2650

■ 56.7631, 0.2520,
0.2662

Harmonies

Analogous

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



29.1839, 0.3634, 0.3517



29.1839, 0.3557, 0.3680



29.1839, 0.3364, 0.3743

Triad

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



29.1839, 0.3557, 0.3680



29.1839, 0.2704, 0.3248



29.1839, 0.3125, 0.2944

Complementary

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



29.1839, 0.3557, 0.3680



24.1572, 0.2725, 0.2866

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.



29.1839, 0.2881, 0.2870



29.1839, 0.3557, 0.3680



29.1839, 0.2645, 0.3032

Square

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



29.1839, 0.3557, 0.3680



29.1839, 0.2873, 0.3488



29.1839, 0.2709, 0.2898



29.1839, 0.3379, 0.3101

Rectangle

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



29.1839, 0.3557, 0.3680



29.1839, 0.3199, 0.3712



29.1839, 0.2709, 0.2898



29.1839, 0.3039, 0.2908

Sweetspot

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



29.1852, 0.3557, 0.3680



59.9093, 0.3252, 0.3410



22.7928, 0.3444, 0.3033



12.9925, 0.3275, 0.3432



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.1852, 0.3557, 0.3680



49.8161, 0.3677, 0.3778



33.9905, 0.3459, 0.3918



7.7719, 0.3270, 0.3427



13.1565, 0.5066, 0.4359



0.3642, 0.4679, 0.4667

Inverse Universe

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



24.1572, 0.2725, 0.2866



39.1312, 0.2622, 0.2747



20.2941, 0.2744, 0.2593



7.2911, 0.2987, 0.3149



4.9410, 0.1685, 0.1265



0.1940, 0.1889, 0.1998

Previews

White Background



This preview shows how the Yxy color 29.1839, 0.3557, 0.3680 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 29.1839, 0.3557, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

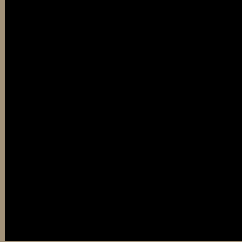
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1839, 0.3557, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 29.1839, 0.3557, 0.3680.



This preview shows how white text looks on a background with the Yxy color 29.1839, 0.3557, 0.3680.

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

29.1839, 0.3557, 0.3680

Protanopia

29.3158, 0.3484, 0.3701

Deuteranopia

28.9763, 0.3664, 0.3593



Tritanopia

29.3161, 0.3275, 0.3126

Trichromacy



Original Color

29.1839, 0.3557, 0.3680

Protanomaly

29.2073, 0.3510, 0.3683

Deuteranomaly

28.9420, 0.3626, 0.3611

Tritanomaly

29.1320, 0.3388, 0.3321

Monochromacy



Original Color

29.1839, 0.3557, 0.3680

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.0393, 0.3280, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1839, 0.3557, 0.3680 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(161, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(161, 145, 120)  
}
```

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(161, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 120) }
```

Border

The CSS property to change the border of an element to Yxy 29.1839, 0.3557, 0.3680 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(161, 145, 120) }
```

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

```
.border{ border-color:rgb(161, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(161, 145,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1839, 0.3557, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 145, 120) }
```

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

```
.background{ background-color: rgb(161,  
145, 120) }
```

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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