

Converting Colors

$Y_{xy}(26.0159, 0.3337, 0.3058)$

Have a look what the booklet for
Yxy(26.0159, 0.3337, 0.3058)
contains.

Yxy(26.0945, 0.3333, 0.3061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0945, 0.3333, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	A38392
RGB	163, 131, 146
RGB Percent	64%, 51%, 57%
CMY	0.3607, 0.4863, 0.4274
CMYK	0.00, 0.20, 0.10, 0.36
HSL	332°, 15%, 58%
HSV	332°, 20%, 64%
XYZ	28.4133, 26.0945, 30.7405
YIQ	142.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

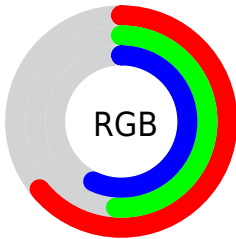
Format	Color
R _Y B	163, 131, 146
Decimal	10716050
CIE Lab	58.13, 14.81, -3.40
CIE LCh	58, 15.195, 347.072
Yxy	26.0945, 0.3333, 0.3061
Android (android.graphics.Color)	4288906130 (0xFFA38392)
YUV	142.2780, 1.8349, 18.1732
Hunter-Lab	51.0828, 9.8904, 0.0785

Details

The Yxy color $26.0945, 0.3333, 0.3061$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $33.1651, 0.2960, 0.3531$, and the grayscale version is $27.1560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.3565, 0.3287, 0.3106$, and $10.1089, 0.3402, 0.2962$ is the 20% darker color. If you saturate the color by 10%, you get $21.7967, 0.3470, 0.2938$, and if you desaturate by 10%, it is $31.1040, 0.3219, 0.3181$.

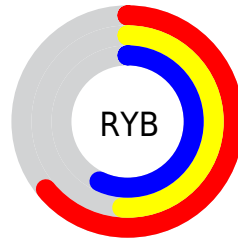
Distribution



Red (64%)

Green (51%)

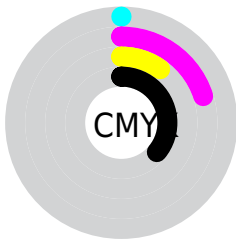
Blue (57%)



Red (64%)

Yellow (51%)

Blue (57%)

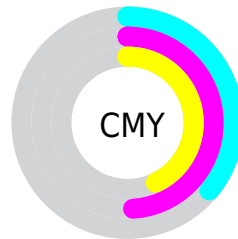


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (36%)



Cyan (36%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0945, 0.3333, 0.3061 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 26.0945, 0.3333, 0.3061 by changing the saturation by 10% instead.


 26.0945, 0.3333,
0.3061

 26.0945, 0.3333,
0.3061


283.2457, 0.3221,
0.3185


 16.8944, 0.3364,
0.3027


 53.4274, 0.3290,
0.3108

 10.1592, 0.3407,
0.2980


 72.3289, 0.3275,
0.3125

 5.5046, 0.3468,
0.2914


 95.2329, 0.3262,
0.3140

 2.5463, 0.3564,
0.2812

122.5240, 0.3251,
0.3151

 0.8997, 0.3734,
0.2635

154.5864, 0.3242,
0.3162

 0.0000, 0.9328,
0.0000

191.8045, 0.3234,

 0.0000, 0.0000,

0.3170

0.0000

234.5628, 0.3227,
0.3178

■ 26.0945, 0.3333,
0.3061

■ 26.0945, 0.3333,
0.3061

■ 21.7967, 0.3470,
0.2938

■ 31.1040, 0.3219,
0.3181

■ 18.1745, 0.3633,
0.2815

■ 36.8523, 0.3124,
0.3294

■ 15.1940, 0.3823,
0.2699

■ 43.3690, 0.3046,
0.3400

■ 12.8167, 0.4041,
0.2598

■ 50.6815, 0.2981,
0.3498

■ 11.0002, 0.4284,
0.2525

■ 58.8154, 0.2928,
0.3588

■ 9.6964, 0.4542,
0.2491

■ 67.7955, 0.2883,
0.3670

■ 8.8488, 0.4804,
0.2506

■ 77.6453, 0.2846,
0.3745

■ 8.3341, 0.5060,
0.2564

■ 84.2283, 0.2810,
0.3747

■ 8.3173, 0.5069,
0.2566

■ 84.6859, 0.2767,
0.3644

Harmonies

Analogous

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



26.0945, 0.3072, 0.2917



26.0945, 0.3333, 0.3061



26.0945, 0.3544, 0.3263

Triad

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



26.0945, 0.3333, 0.3061



26.0945, 0.3414, 0.3746



26.0945, 0.2642, 0.3068

Complementary

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



26.0945, 0.3333, 0.3061



33.1651, 0.2960, 0.3531

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.



26.0945, 0.2725, 0.3297



26.0945, 0.3333, 0.3061



26.0945, 0.3165, 0.3704

Square

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



26.0945, 0.3333, 0.3061



26.0945, 0.3589, 0.3658



26.0945, 0.2914, 0.3535



26.0945, 0.2681, 0.2913

Rectangle

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



26.0945, 0.3333, 0.3061



26.0945, 0.3623, 0.3408



26.0945, 0.2914, 0.3535



26.0945, 0.2656, 0.3138

Sweetspot

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



26.0957, 0.3333, 0.3061



59.1727, 0.3183, 0.3221



25.1293, 0.2981, 0.2790



13.1521, 0.3189, 0.3214



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.0957, 0.3333, 0.3061



42.8732, 0.3396, 0.3002



25.8020, 0.3503, 0.3299



7.1387, 0.3215, 0.3185



6.4712, 0.5048, 0.2554



0.1455, 0.4232, 0.2105

Inverse Universe

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



26.0957, 0.3333, 0.3061



42.8732, 0.3396, 0.3002



33.4830, 0.2839, 0.3281



7.1387, 0.3215, 0.3185



6.4712, 0.5048, 0.2554



0.1455, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 26.0945, 0.3333, 0.3061 looks on a white background.

Color Contrast Check

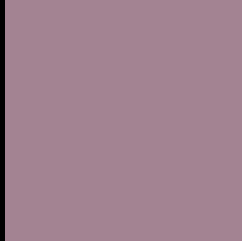
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0945, 0.3333, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

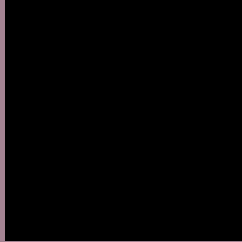
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0945, 0.3333, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 26.0945, 0.3333, 0.3061.



This preview shows how white text looks on a background with the Yxy color 26.0945, 0.3333, 0.3061.

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

26.0945, 0.3333, 0.3061

Protanopia

26.1886, 0.3009, 0.3094

Deuteranopia

26.2320, 0.3200, 0.3147



Tritanopia

26.1369, 0.3364, 0.3137

Trichromacy



Original Color

26.0945, 0.3333, 0.3061

Protanomaly

26.0741, 0.3126, 0.3082

Deuteranomaly

26.0631, 0.3248, 0.3117

Tritanomaly

26.1671, 0.3353, 0.3121

Monochromacy



Original Color

26.0945, 0.3333, 0.3061

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6442, 0.3208, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0945, 0.3333, 0.3061 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(163, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 146)  
}
```

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(163, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.0945, 0.3333, 0.3061 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(163, 131, 146) }
```

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

```
.border{ border-color:rgb(163, 131, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0945, 0.3333, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 146) }
```

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

```
.background{ background-color: rgb(163,  
131, 146) }
```

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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