

Converting Colors

$Y_{xy}(29.0280, 0.3149, 0.3677)$

Have a look what the booklet for
Yxy(29.0280, 0.3149, 0.3677)
contains.

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Color

Yxy(29.0280, 0.3149, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	859881
RGB	133, 152, 129
RGB Percent	52%, 60%, 51%
CMY	0.4785, 0.4039, 0.4942
CMYK	0.13, 0.00, 0.15, 0.40
HSL	110°, 10%, 55%
HSV	110°, 15%, 60%
XYZ	24.8597, 29.0280, 25.0571
YIQ	143.6970, -3.9410, -11.1810

Conversions

Conversions Part 2

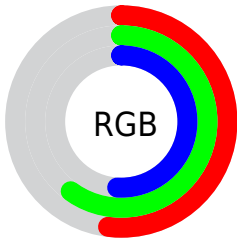
Format	Color
R_{YB}	129, 152, 148
Decimal	8755329
CIE _{Lab}	60.81, -11.30, 9.86
CIE _{LCh}	61, 15.001, 138.891
Yxy	29.0280, 0.3149, 0.3677
Android (android.graphics.Color)	4286945409 (0xFF859881)
YUV	143.6970, -7.2456, -9.3813
Hunter-Lab	53.8776, -11.9241, 10.1401

Details

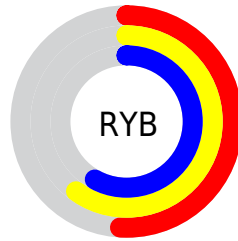
The Yxy color $29.0280, 0.3149, 0.3677$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.2631, 0.3099, 0.2922$, and the grayscale version is $27.7911, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9591, 0.3143, 0.3589$, and $11.7255, 0.3146, 0.3815$ is the 20% darker color. If you saturate the color by 10%, you get $27.6923, 0.3161, 0.3968$, and if you desaturate by 10%, it is $30.5488, 0.3135, 0.3414$.

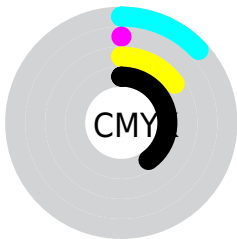
Distribution



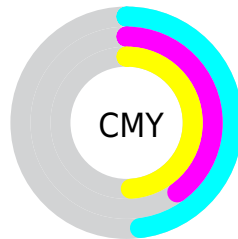
- Red (52%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)





- Cyan (48%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0280, 0.3149, 0.3677 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 29.0280, 0.3149, 0.3677 by changing the saturation by 10% instead.

 29.0280, 0.3149,
0.3677

 29.0280, 0.3149,
0.3677


297.3470, 0.3139,
0.3464


 19.1020, 0.3151,
0.3738


 58.1216, 0.3146,
0.3594

 11.7440, 0.3152,
0.3822


 78.0579, 0.3145,
0.3565

 6.5696, 0.3153,
0.3943


 102.0999, 0.3144,
0.3541

 3.1944, 0.3150,
0.4137

130.6318, 0.3143,
0.3520

 1.2341, 0.3180,
0.4556

164.0381, 0.3142,
0.3503

 0.0893, 0.0000,
1.0000

202.7031, 0.3141,

 0.0000, 0.0000,

0.3488

0.0000

247.0113, 0.3140,
0.3475

■ 29.0280, 0.3149,
0.3677

■ 29.0280, 0.3149,
0.3677

■ 27.6923, 0.3161,
0.3968

■ 30.5488, 0.3135,
0.3414

■ 26.5309, 0.3168,
0.4283

■ 32.2575, 0.3120,
0.3180

■ 25.5378, 0.3171,
0.4613

■ 34.1616, 0.3104,
0.2974

■ 24.7049, 0.3167,
0.4945

■ 36.2670, 0.3088,
0.2793

■ 24.0238, 0.3154,
0.5260

■ 38.5795, 0.3072,
0.2636

■ 23.4850, 0.3134,
0.5535

■ 41.1045, 0.3057,
0.2498

■ 23.0779, 0.3106,
0.5751

■ 43.8472, 0.3043,
0.2379

■ 22.7901, 0.3073,
0.5896

■ 46.8129, 0.3029,
0.2274

■ 22.6839, 0.3061,
0.5952

■ 49.2911, 0.3100,
0.2270

Harmonies

Analogous

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



29.0280, 0.3387, 0.3726



29.0280, 0.3149, 0.3677



29.0280, 0.2911, 0.3511

Triad

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



29.0280, 0.3149, 0.3677



29.0280, 0.2707, 0.2924



29.0280, 0.3533, 0.3277

Complementary

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



29.0280, 0.3149, 0.3677



24.2631, 0.3099, 0.2922

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.



29.0280, 0.3338, 0.3082



29.0280, 0.3149, 0.3677



29.0280, 0.2861, 0.2881

Square

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



29.0280, 0.3149, 0.3677



29.0280, 0.2663, 0.3067



29.0280, 0.3090, 0.2940



29.0280, 0.3615, 0.3483

Rectangle

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



29.0280, 0.3149, 0.3677



29.0280, 0.2784, 0.3361



29.0280, 0.3090, 0.2940



29.0280, 0.3478, 0.3209

Sweetspot

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



29.0292, 0.3149, 0.3677



53.9267, 0.3135, 0.3413



29.3753, 0.3357, 0.3590



12.2151, 0.3136, 0.3429



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.0292, 0.3149, 0.3677



50.4406, 0.3153, 0.3767



28.9119, 0.3043, 0.3555



6.9744, 0.3141, 0.3518



19.0269, 0.3064, 0.5949



0.2957, 0.3287, 0.5772

Inverse Universe

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



24.2631, 0.3099, 0.2922



40.4707, 0.3092, 0.2841



24.4096, 0.3223, 0.3039



6.2695, 0.3111, 0.3069



5.6118, 0.2784, 0.1307



0.0965, 0.2987, 0.1419

Previews

White Background



This preview shows how the Yxy color 29.0280, 0.3149, 0.3677 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 29.0280, 0.3149, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

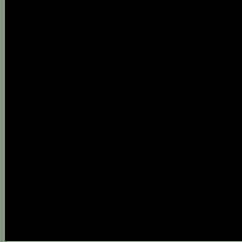
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

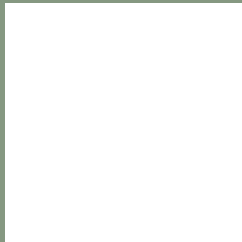
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0280, 0.3149, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 29.0280, 0.3149, 0.3677.



This preview shows how white text looks on a background with the Yxy color 29.0280, 0.3149, 0.3677.

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

29.0280, 0.3149, 0.3677

Protanopia

28.9342, 0.3413, 0.3608

Deuteranopia

28.7954, 0.3509, 0.3443



Tritanopia

29.0863, 0.2926, 0.3114

Trichromacy



Original Color

29.0280, 0.3149, 0.3677

Protanomaly

28.8231, 0.3311, 0.3632

Deuteranomaly

28.7325, 0.3375, 0.3528

Tritanomaly

28.8673, 0.3006, 0.3306

Monochromacy



Original Color

29.0280, 0.3149, 0.3677

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.3070, 0.3131, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0280, 0.3149, 0.3677 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(133, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(133, 152, 129)  
}
```

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(133, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 152, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.0280, 0.3149, 0.3677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

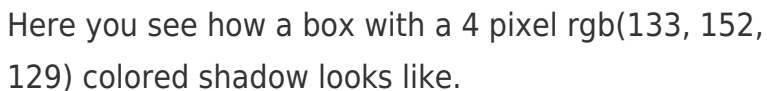
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 152, 129) }
```

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

```
.border{ border-color:rgb(133, 152, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(133, 152,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0280, 0.3149, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 152, 129) }
```

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

```
.background{ background-color: rgb(133,  
152, 129) }
```

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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