

Converting Colors

$Yxy(27.9182, 0.3145, 0.4359)$

Have a look what the booklet for
Yxy(27.9182, 0.3145, 0.4359)
contains.

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Color

Yxy(28.0600, 0.3149, 0.4373)

Conversions

Conversions Part 1

Format	Color
Hex	6A9D62
RGB	106, 157, 98
RGB Percent	42%, 62%, 38%
CMY	0.5842, 0.3843, 0.6158
CMYK	0.32, 0.00, 0.38, 0.38
HSL	112°, 23%, 50%
HSV	112°, 38%, 62%
XYZ	20.2060, 28.0600, 15.9005
YIQ	135.0250, -11.4570, -29.1610

Conversions

Conversions Part 2

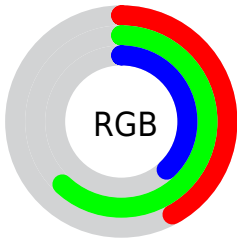
Format	Color
R_{YB}	98, 157, 149
Decimal	6987106
CIE _{Lab}	59.94, -28.93, 25.62
CIE _{LCh}	60, 38.639, 138.475
Yxy	28.0600, 0.3149, 0.4373
Android (android.graphics.Color)	4285177186 (0xFF6A9D62)
YUV	135.0250, -18.2533, -25.4549
Hunter-Lab	52.9717, -24.6117, 19.2832

Details

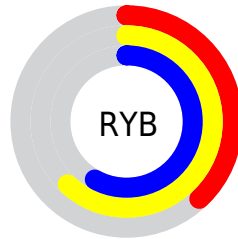
The Yxy color **28.0600, 0.3149, 0.4373** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5515, 0.3067, 0.2357**, and the grayscale version is **24.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6278, 0.3159, 0.4134**, and **11.1742, 0.3125, 0.4811** is the 20% darker color. If you saturate the color by 10%, you get **27.0268, 0.3146, 0.4710**, and if you desaturate by 10%, it is **29.2852, 0.3147, 0.4049**.

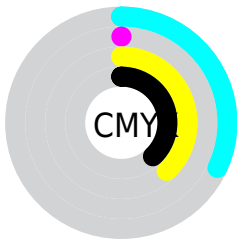
Distribution



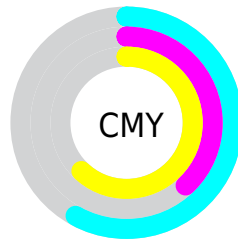
- Red (42%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)




- Cyan (58%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0600, 0.3149, 0.4373 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 28.0600, 0.3149, 0.4373 by changing the saturation by 10% instead.


 28.0600, 0.3149,
0.4373


 28.0600, 0.3149,
0.4373


292.7535, 0.3155,
0.3757


 18.3709, 0.3138,
0.4556


 56.5802, 0.3157,
0.4129


 11.2166, 0.3116,
0.4810


 76.1801, 0.3158,
0.4044

 6.2127, 0.3068,
0.5184

 99.8524, 0.3158,
0.3974

 2.9749, 0.2977,
0.5823

 127.9815, 0.3158,
0.3916

 1.1186, 0.2331,
0.7669

160.9517, 0.3158,
0.3867

 0.0000, 0.0000,
0.0000

199.1476, 0.3157,

0.3825

242.9534, 0.3156,
0.3789

■ 28.0600, 0.3149,
0.4373

■ 28.0600, 0.3149,
0.4373

■ 27.0268, 0.3146,
0.4710

■ 29.2852, 0.3147,
0.4049

■ 26.1725, 0.3137,
0.5044

■ 30.7076, 0.3142,
0.3749

■ 25.4877, 0.3121,
0.5355


■ 32.3368, 0.3134,
0.3477


■ 24.9609, 0.3099,
0.5619


■ 34.1807, 0.3125,
0.3235

■ 24.5793, 0.3073,
0.5816


■ 36.2468, 0.3114,
0.3022


 24.3250, 0.3046,
0.5941

 38.5419, 0.3103,
0.2836

 24.2782, 0.3041,
0.5967

 41.0731, 0.3093,
0.2674

 43.8466, 0.3082,
0.2534

 46.8688, 0.3072,
0.2412

Harmonies

Analogous

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



28.0600, 0.3761, 0.4436



28.0600, 0.3149, 0.4373



28.0600, 0.2563, 0.3899

Triad

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



28.0600, 0.3149, 0.4373



28.0600, 0.2098, 0.2371



28.0600, 0.4191, 0.3207

Complementary

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



28.0600, 0.3149, 0.4373



17.5515, 0.3067, 0.2357

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.



28.0600, 0.3653, 0.2768



28.0600, 0.3149, 0.4373



28.0600, 0.2443, 0.2302

Square

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



28.0600, 0.3149, 0.4373



28.0600, 0.1998, 0.2684



28.0600, 0.2999, 0.2447



28.0600, 0.4403, 0.3695

Rectangle

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



28.0600, 0.3149, 0.4373



28.0600, 0.2265, 0.3458



28.0600, 0.2999, 0.2447



28.0600, 0.4040, 0.3052

Sweetspot

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



28.0612, 0.3149, 0.4373



56.8116, 0.3137, 0.3571



29.2760, 0.3722, 0.4078



12.4208, 0.3138, 0.3605



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.0612, 0.3149, 0.4373



48.6978, 0.3147, 0.4652



28.0331, 0.2910, 0.3999



7.4422, 0.3136, 0.3520



19.7280, 0.3045, 0.5965



0.3636, 0.3222, 0.5824

Inverse Universe

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



17.5515, 0.3067, 0.2357



27.1329, 0.3047, 0.2157



17.6868, 0.3442, 0.2677



6.7088, 0.3117, 0.3068



6.2139, 0.2874, 0.1357



0.1226, 0.3018, 0.1436

Previews

White Background



This preview shows how the Yxy color 28.0600, 0.3149, 0.4373 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 28.0600, 0.3149, 0.4373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

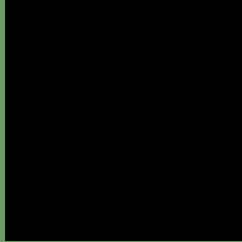
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0600, 0.3149, 0.4373

Background



This preview shows how black text looks on a background with the Yxy color 28.0600, 0.3149, 0.4373.



This preview shows how white text looks on a background with the Yxy color 28.0600, 0.3149, 0.4373.

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

28.0600, 0.3149, 0.4373

Protanopia

27.8048, 0.3783, 0.4099

Deuteranopia

27.7942, 0.3900, 0.3833



Tritanopia

27.8500, 0.2719, 0.3089

Trichromacy



Original Color

28.0600, 0.3149, 0.4373

Protanomaly

27.7244, 0.3531, 0.4203

Deuteranomaly

27.3934, 0.3593, 0.4016

Tritanomaly

27.8022, 0.2877, 0.3535

Monochromacy



Original Color

28.0600, 0.3149, 0.4373

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.3351, 0.3131, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0600, 0.3149, 0.4373 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(106, 157, 98)` looks like.

```
.text, #text, p{  
    color:rgb(106, 157, 98)  
}
```

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(106, 157, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 157, 98) }
```

Border

The CSS property to change the border of an element to Yxy 28.0600, 0.3149, 0.4373 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(106, 157, 98) }
```

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

```
.border{ border-color:rgb(106, 157, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 157, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 157, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 157, 98);  
box-shadow:4px 4px 4px 4px rgb(106, 157,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0600, 0.3149, 0.4373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 157, 98) }
```

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

```
.background{ background-color: rgb(106,  
157, 98) }
```

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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