

Converting Colors

$Yxy(27.5106, 0.3157, 0.4599)$

Have a look what the booklet for
Yxy(27.5106, 0.3157, 0.4599)
contains.

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Color

Yxy(27.3987, 0.3161, 0.4603)

Conversions

Conversions Part 1

Format	Color
Hex	629D57
RGB	98, 157, 87
RGB Percent	38%, 62%, 34%
CMY	0.6156, 0.3843, 0.6589
CMYK	0.38, 0.00, 0.45, 0.38
HSL	111°, 29%, 48%
HSV	111°, 45%, 62%
XYZ	18.8154, 27.3987, 13.3095
YIQ	131.3790, -12.6940, -34.2780

Conversions

Conversions Part 2

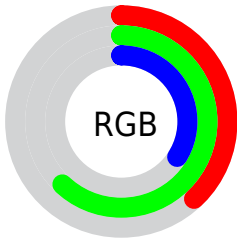
Format	Color
R_{YB}	87, 157, 146
Decimal	6462807
CIE _{Lab}	59.34, -33.34, 30.64
CIE _{LCh}	59, 45.285, 137.419
Yxy	27.3987, 0.3161, 0.4603
Android (android.graphics.Color)	4284652887 (0xFF629D57)
YUV	131.3790, -21.8788, -29.2734
Hunter-Lab	52.3438, -27.4383, 21.5649

Details

The Yxy color $27.3987, 0.3161, 0.4603$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.3553, 0.3030, 0.2180$, and the grayscale version is $22.9245, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5013, 0.3170, 0.4303$, and $10.8305, 0.3111, 0.5148$ is the 20% darker color. If you saturate the color by 10%, you get $26.4945, 0.3156, 0.4938$, and if you desaturate by 10%, it is $28.4826, 0.3160, 0.4271$.

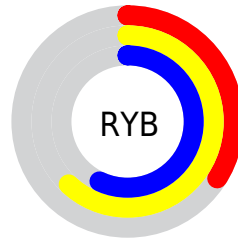
Distribution



Red (38%)

Green (62%)

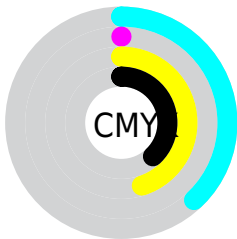
Blue (34%)



Red (34%)

Yellow (62%)

Blue (57%)

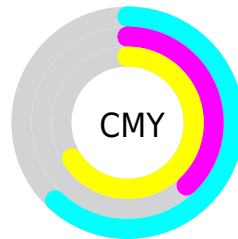


Cyan (38%)

Magenta (0%)

Yellow (45%)

Black (38%)



Cyan (62%)


Magenta (38%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3987, 0.3161, 0.4603 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 27.3987, 0.3161, 0.4603 by changing the saturation by 10% instead.


 27.3987, 0.3161,
0.4603


 27.3987, 0.3161,
0.4603


289.5824, 0.3169,
0.3850


 17.8729, 0.3144,
0.4828


 55.5230, 0.3173,
0.4303


 10.8588, 0.3110,
0.5140


 74.8903, 0.3175,
0.4199

 5.9719, 0.3034,
0.5596

 98.3068, 0.3175,
0.4114

 2.8280, 0.2980,
0.6580

 126.1570, 0.3174,
0.4043

 1.0426, 0.1394,
0.8606

 158.8253, 0.3173,
0.3983

 0.0000, 0.0000,
0.0000

196.6960, 0.3172,

0.3933

240.1536, 0.3171,
0.3889

■ 27.3987, 0.3161,
0.4603

■ 27.3987, 0.3161,
0.4603

■ 26.4945, 0.3156,
0.4938

■ 28.4826, 0.3160,
0.4271

■ 25.7569, 0.3143,
0.5256

■ 29.7515, 0.3154,
0.3955

■ 25.1765, 0.3122,
0.5535


■ 31.2150, 0.3145,
0.3663


■ 24.7415, 0.3096,
0.5754


■ 32.8808, 0.3133,
0.3401

■ 24.4382, 0.3065,
0.5899


■ 34.7563, 0.3120,
0.3168

 24.3177, 0.3051,
0.5959

 36.8484, 0.3106,
0.2963

 39.1638, 0.3092,
0.2784

 41.7088, 0.3079,
0.2628

 44.4896, 0.3066,
0.2492

Harmonies

Analogous

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



27.3987, 0.3872, 0.4630



27.3987, 0.3161, 0.4603



27.3987, 0.2479, 0.4045

Triad

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



27.3987, 0.3161, 0.4603



27.3987, 0.1931, 0.2228



27.3987, 0.4369, 0.3160

Complementary

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



27.3987, 0.3161, 0.4603



15.3553, 0.3030, 0.2180

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.



27.3987, 0.3717, 0.2667



27.3987, 0.3161, 0.4603



27.3987, 0.2310, 0.2150

Square

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



27.3987, 0.3161, 0.4603



27.3987, 0.1826, 0.2586



27.3987, 0.2943, 0.2310



27.3987, 0.4626, 0.3714

Rectangle

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



27.3987, 0.3161, 0.4603



27.3987, 0.2133, 0.3508



27.3987, 0.2943, 0.2310



27.3987, 0.4184, 0.2985

Sweetspot

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



27.3999, 0.3161, 0.4603



56.2832, 0.3143, 0.3626



28.2080, 0.3845, 0.4203



12.2566, 0.3146, 0.3684



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.



27.3999, 0.3161, 0.4603



47.3841, 0.3155, 0.4952



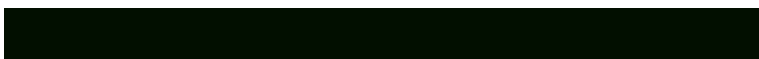
27.2723, 0.2886, 0.4182



7.4488, 0.3139, 0.3519



19.7614, 0.3055, 0.5956



0.3658, 0.3254, 0.5798

Inverse Universe

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



15.3553, 0.3030, 0.2180



22.8549, 0.2995, 0.1940



15.6935, 0.3505, 0.2547



6.7016, 0.3114, 0.3068



5.9905, 0.2821, 0.1328



0.1201, 0.2988, 0.1419

Previews

White Background



This preview shows how the Yxy color 27.3987, 0.3161, 0.4603 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 27.3987, 0.3161, 0.4603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

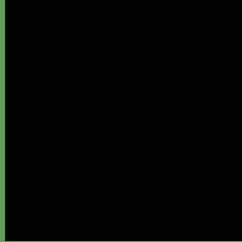
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3987, 0.3161, 0.4603

Background



This preview shows how black text looks on a background with the Yxy color 27.3987, 0.3161, 0.4603.



This preview shows how white text looks on a background with the Yxy color 27.3987, 0.3161, 0.4603.

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

27.3987, 0.3161, 0.4603

Protanopia

27.0231, 0.3903, 0.4235

Deuteranopia

27.0390, 0.4021, 0.3949



Tritanopia

27.4125, 0.2676, 0.3102

Trichromacy



Original Color

27.3987, 0.3161, 0.4603

Protanomaly

26.6584, 0.3607, 0.4366

Deuteranomaly

26.6140, 0.3672, 0.4190

Tritanomaly

27.2141, 0.2857, 0.3632

Monochromacy



Original Color

27.3987, 0.3161, 0.4603

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.9159, 0.3149, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3987, 0.3161, 0.4603 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(98, 157, 87)` looks like.

```
.text, #text, p{  
    color:rgb(98, 157, 87)  
}
```

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(98, 157, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 87) }
```

Border

The CSS property to change the border of an element to Yxy 27.3987, 0.3161, 0.4603 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(98, 157, 87) }
```

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

```
.border{ border-color:rgb(98, 157, 87) }
```

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

Here you see how a box with a 4 pixel rgb(98, 157, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 87);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3987, 0.3161, 0.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 157, 87) }
```

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

```
.background{ background-color: rgb(98, 157,  
87) }
```

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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