

Converting Colors

$Yxy(27.1437, 0.2997, 0.3622)$

Have a look what the booklet for
Yxy(27.1437, 0.2997, 0.3622)
contains.

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Color

$Y_{xy}(27.0285, 0.3002, 0.3625)$

Conversions

Conversions Part 1

Format	Color
Hex	779582
RGB	119, 149, 130
RGB Percent	47%, 58%, 51%
CMY	0.5333, 0.4157, 0.4903
CMYK	0.20, 0.00, 0.13, 0.42
HSL	142°, 12%, 53%
HSV	142°, 20%, 58%
XYZ	22.3833, 27.0285, 25.1496
YIQ	137.8640, -11.7810, -12.2690

Conversions

Conversions Part 2

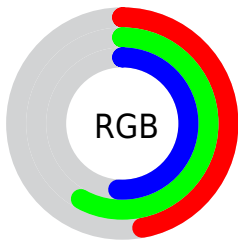
Format	Color
R_{YB}	119, 141, 149
Decimal	7837058
CIE _{Lab}	59.00, -14.51, 6.60
CIE _{LCh}	59, 15.941, 155.544
Yxy	27.0285, 0.3002, 0.3625
Android (android.graphics.Color)	4286027138 (0xFF779582)
YUV	137.8640, -3.8770, -16.5437
Hunter-Lab	51.9889, -14.1292, 7.7108

Details

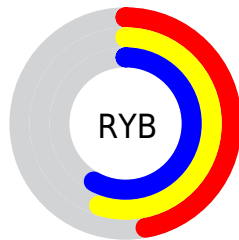
The Yxy color $27.0285, 0.3002, 0.3625$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.4194, 0.3278, 0.2977$, and the grayscale version is $25.3795, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9014, 0.3032, 0.3548$, and $10.6315, 0.2950, 0.3743$ is the 20% darker color. If you saturate the color by 10%, you get $25.8146, 0.2943, 0.3820$, and if you desaturate by 10%, it is $28.4333, 0.3064, 0.3449$.

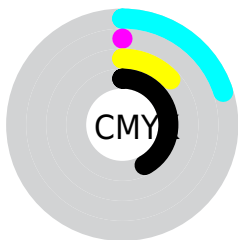
Distribution



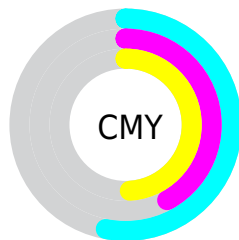
- Red (47%)
- Green (58%)
- Blue (51%)



- Red (47%)
- Yellow (55%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)




- Cyan (53%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0285, 0.3002, 0.3625 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 27.0285, 0.3002, 0.3625 by changing the saturation by 10% instead.


 27.0285, 0.3002,
0.3625


 27.0285, 0.3002,
0.3625

287.7951, 0.3072,
0.3438


 17.5946, 0.2981,
0.3679


 54.9296, 0.3030,
0.3552

 10.6593, 0.2953,
0.3755


 74.1656, 0.3039,
0.3526

 5.8383, 0.2910,
0.3866

 97.4378, 0.3047,
0.3505

 2.7470, 0.2840,
0.4047

125.1305, 0.3054,
0.3487

 1.0011, 0.2673,
0.4515

157.6283, 0.3060,
0.3472

 0.0000, 0.0000,
0.0000

195.3153, 0.3064,

0.3459

238.5761, 0.3069,
0.3448

■ 27.0285, 0.3002,
0.3625

■ 27.0285, 0.3002,
0.3625

■ 25.8146, 0.2943,
0.3820

■ 28.4333, 0.3064,
0.3449

■ 24.7798, 0.2890,
0.4032

■ 30.0333, 0.3126,
0.3292

■ 23.9164, 0.2846,
0.4260

■ 31.8370, 0.3189,
0.3153

■ 23.2146, 0.2812,
0.4498

■ 33.8514, 0.3249,
0.3031

■ 22.6636, 0.2793,
0.4739

■ 36.0831, 0.3308,
0.2923

■ 22.2515, 0.2791,
0.4975

■ 38.5384, 0.3363,
0.2830

■ 21.9640, 0.2806,
0.5196

■ 41.2233, 0.3416,
0.2748

■ 21.7678, 0.2832,
0.5395

■ 44.1438, 0.3466,
0.2677

■ 47.3053, 0.3513,
0.2614

Harmonies

Analogous

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



27.0285, 0.3270, 0.3754



27.0285, 0.3002, 0.3625



27.0285, 0.2775, 0.3395

Triad

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



27.0285, 0.3002, 0.3625



27.0285, 0.2751, 0.2853



27.0285, 0.3637, 0.3401

Complementary

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



27.0285, 0.3002, 0.3625



21.4194, 0.3278, 0.2977

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.



27.0285, 0.3486, 0.3177



27.0285, 0.3002, 0.3625



27.0285, 0.2969, 0.2869

Square

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



27.0285, 0.3002, 0.3625



27.0285, 0.2634, 0.2949



27.0285, 0.3238, 0.2986



27.0285, 0.3643, 0.3608

Rectangle

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



27.0285, 0.3002, 0.3625



27.0285, 0.2674, 0.3225



27.0285, 0.3238, 0.2986



27.0285, 0.3601, 0.3325

Sweetspot

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



27.0296, 0.3002, 0.3625



52.0240, 0.3089, 0.3384



28.2747, 0.3306, 0.3794



11.4937, 0.3085, 0.3393



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.0296, 0.3002, 0.3625



47.4159, 0.2976, 0.3707



27.4475, 0.2874, 0.3367



6.5014, 0.3070, 0.3434



18.3247, 0.2828, 0.5382



0.2296, 0.2595, 0.4543

Inverse Universe

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



21.4194, 0.3278, 0.2977



35.5655, 0.3317, 0.2907



21.0264, 0.3456, 0.3215



5.8735, 0.3190, 0.3151



6.0708, 0.4368, 0.2180



0.0800, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 27.0285, 0.3002, 0.3625 looks on a white background.

Color Contrast Check

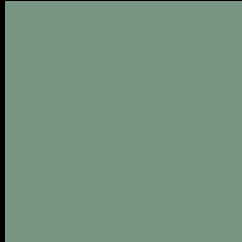
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0285, 0.3002, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

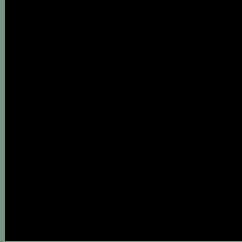
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0285, 0.3002, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 27.0285, 0.3002, 0.3625.



This preview shows how white text looks on a background with the Yxy color 27.0285, 0.3002, 0.3625.

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

27.0285, 0.3002, 0.3625

Protanopia

26.8520, 0.3359, 0.3536

Deuteranopia

26.9557, 0.3419, 0.3354



Tritanopia

26.9702, 0.2809, 0.3089

Trichromacy



Original Color

27.0285, 0.3002, 0.3625

Protanomaly

26.7972, 0.3220, 0.3578

Deuteranomaly

26.6450, 0.3251, 0.3439

Tritanomaly

26.8019, 0.2878, 0.3272

Monochromacy



Original Color

27.0285, 0.3002, 0.3625

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9206, 0.3079, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0285, 0.3002, 0.3625 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(119, 149, 130)` looks like.

```
.text, #text, p{  
  color:rgb(119, 149, 130)  
}
```

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(119, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.0285, 0.3002, 0.3625 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(119, 149, 130) }
```

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

```
.border{ border-color:rgb(119, 149, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0285, 0.3002, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 130) }
```

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

```
.background{ background-color: rgb(119,  
149, 130) }
```

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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