

Converting Colors

$Y_{xy}(27.1555, 0.3113, 0.3594)$

Have a look what the booklet for
Yxy(27.1555, 0.3113, 0.3594)
contains.

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Color

Yxy(27.1195, 0.3113, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	819381
RGB	129, 147, 129
RGB Percent	51%, 58%, 51%
CMY	0.4940, 0.4235, 0.4942
CMYK	0.12, 0.00, 0.12, 0.42
HSL	120°, 8%, 54%
HSV	120°, 12%, 58%
XYZ	23.4508, 27.1195, 24.7616
YIQ	139.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

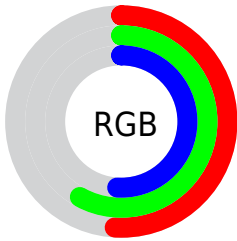
Format	Color
R_{YB}	129, 147, 147
Decimal	8491905
CIE _{Lab}	59.08, -10.04, 7.38
CIE _{LCh}	59, 12.461, 143.689
Yxy	27.1195, 0.3113, 0.3600
Android (android.graphics.Color)	4286681985 (0xFF819381)
YUV	139.5660, -5.2090, -9.2664
Hunter-Lab	52.0764, -10.7523, 8.2619

Details

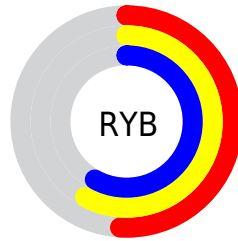
The Yxy color $27.1195, 0.3113, 0.3600$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.0025, 0.3140, 0.2998$, and the grayscale version is $26.0719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0958, 0.3116, 0.3531$, and $10.6504, 0.3108, 0.3703$ is the 20% darker color. If you saturate the color by 10%, you get $25.6897, 0.3100, 0.3890$, and if you desaturate by 10%, it is $28.7728, 0.3125, 0.3343$.

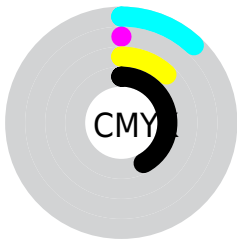
Distribution



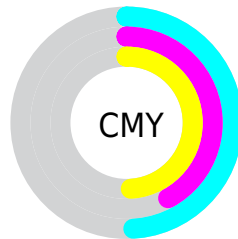
- Red (51%)
- Green (58%)
- Blue (51%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1195, 0.3113, 0.3600 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 27.1195, 0.3113, 0.3600 by changing the saturation by 10% instead.


 27.1195, 0.3113,
0.3600


 27.1195, 0.3113,
0.3600


288.2353, 0.3122,
0.3428

 17.6630, 0.3110,
0.3650


 55.0756, 0.3117,
0.3533

 10.7083, 0.3105,
0.3719


 74.3439, 0.3118,
0.3509

 5.8710, 0.3096,
0.3820

 97.6517, 0.3119,
0.3490

 2.7668, 0.3081,
0.3983

125.3832, 0.3120,
0.3473

 1.0112, 0.3089,
0.4394

157.9229, 0.3121,
0.3459

 0.0000, 0.0000,
0.0000

195.6553, 0.3121,

0.3447

238.9646, 0.3122,
0.3437

■ 27.1195, 0.3113,
0.3600

■ 27.1195, 0.3113,
0.3600

■ 25.6897, 0.3100,
0.3890

■ 28.7728, 0.3125,
0.3343

■ 24.4706, 0.3085,
0.4209

■ 30.6549, 0.3135,
0.3119

■ 23.4532, 0.3069,
0.4551

■ 32.7754, 0.3144,
0.2925

■ 22.6267, 0.3053,
0.4901


■ 35.1421, 0.3151,
0.2758


■ 21.9792, 0.3037,
0.5237


■ 37.7627, 0.3158,
0.2615

 21.4974, 0.3023,
0.5533


 40.6444, 0.3163,
0.2491

 21.1663, 0.3012,
0.5766

 43.7940, 0.3168,
0.2385

 20.9681, 0.3004,
0.5919

 47.2184, 0.3172,
0.2294

 20.8692, 0.3001,
0.6000

 49.3473, 0.3176,
0.2248

Harmonies

Analogous

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



27.1195, 0.3319, 0.3660



27.1195, 0.3113, 0.3600



27.1195, 0.2915, 0.3448

Triad

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



27.1195, 0.3113, 0.3600



27.1195, 0.2784, 0.2967



27.1195, 0.3490, 0.3309

Complementary

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



27.1195, 0.3113, 0.3600



24.0025, 0.3140, 0.2998

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.



27.1195, 0.3337, 0.3137



27.1195, 0.3113, 0.3600



27.1195, 0.2929, 0.2943

Square

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



27.1195, 0.3113, 0.3600



27.1195, 0.2730, 0.3078



27.1195, 0.3131, 0.3005



27.1195, 0.3541, 0.3482

Rectangle

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



27.1195, 0.3113, 0.3600



27.1195, 0.2814, 0.3319



27.1195, 0.3131, 0.3005



27.1195, 0.3448, 0.3250

Sweetspot

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



27.1207, 0.3113, 0.3600



50.9576, 0.3123, 0.3388



28.5616, 0.3305, 0.3578



11.5832, 0.3122, 0.3405



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.



27.1207, 0.3113, 0.3600



47.7461, 0.3109, 0.3685



27.3592, 0.3031, 0.3448



6.4690, 0.3117, 0.3518



18.0928, 0.3001, 0.6000



0.2216, 0.3004, 0.5997

Inverse Universe

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



24.0025, 0.3140, 0.2998



40.9130, 0.3144, 0.2924



23.7428, 0.3236, 0.3137



5.9086, 0.3137, 0.3072



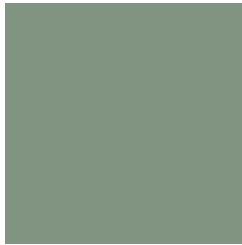
7.1799, 0.3204, 0.1539



0.0880, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 27.1195, 0.3113, 0.3600 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 27.1195, 0.3113, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

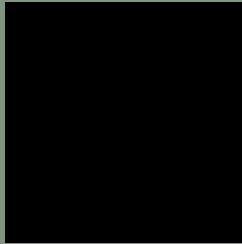
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

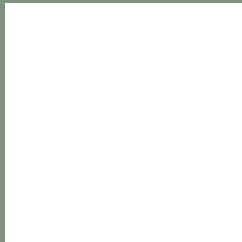
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1195, 0.3113, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 27.1195, 0.3113, 0.3600.



This preview shows how white text looks on a background with the Yxy color 27.1195, 0.3113, 0.3600.

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

27.1195, 0.3113, 0.3600

Protanopia

27.1483, 0.3356, 0.3552

Deuteranopia

27.0036, 0.3452, 0.3385



Tritanopia

26.9980, 0.2911, 0.3093

Trichromacy



Original Color

27.1195, 0.3113, 0.3600

Protanomaly

27.1415, 0.3264, 0.3574

Deuteranomaly

27.0510, 0.3328, 0.3469

Tritanomaly

26.9274, 0.2984, 0.3256

Monochromacy



Original Color

27.1195, 0.3113, 0.3600

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6567, 0.3122, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1195, 0.3113, 0.3600 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(129, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 147, 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(129, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 147, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.1195, 0.3113, 0.3600 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(129, 147, 129) }
```

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

```
.border{ border-color:rgb(129, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 147,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1195, 0.3113, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 147, 129) }
```

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

```
.background{ background-color: rgb(129,  
147, 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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