

Converting Colors

$Y_{xy}(27.2475, 0.3159, 0.4325)$

Have a look what the booklet for
Yxy(27.2475, 0.3159, 0.4325)
contains.

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Color

Yxy(27.1188, 0.3162, 0.4326)

Conversions

Conversions Part 1

Format	Color
Hex	6B9A62
RGB	107, 154, 98
RGB Percent	42%, 60%, 38%
CMY	0.5805, 0.3961, 0.6156
CMYK	0.31, 0.00, 0.36, 0.40
HSL	110°, 22%, 49%
HSV	110°, 36%, 60%
XYZ	19.8219, 27.1188, 15.7472
YIQ	133.5630, -10.0360, -27.3800

Conversions

Conversions Part 2

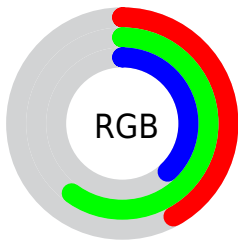
Format	Color
R_{YB}	98, 154, 145
Decimal	7051874
CIE _{Lab}	59.08, -27.13, 24.47
CIE _{LCh}	59, 36.537, 137.945
Yxy	27.1188, 0.3162, 0.4326
Android (android.graphics.Color)	4285241954 (0xFF6B9A62)
YUV	133.5630, -17.5326, -23.2958
Hunter-Lab	52.0757, -23.1889, 18.5243

Details

The Yxy color $27.1188, 0.3162, 0.4326$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.0940, 0.3052, 0.2384$, and the grayscale version is $23.7389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2444, 0.3169, 0.4098$, and $10.8006, 0.3142, 0.4770$ is the 20% darker color. If you saturate the color by 10%, you get $26.1140, 0.3162, 0.4659$, and if you desaturate by 10%, it is $28.3018, 0.3157, 0.4007$.

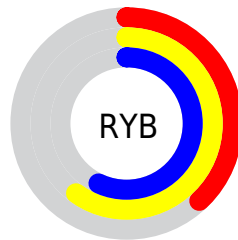
Distribution



Red (42%)

Green (60%)

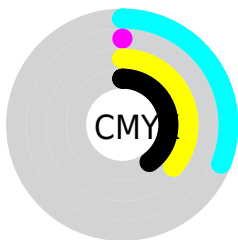
Blue (38%)



Red (38%)

Yellow (60%)

Blue (57%)

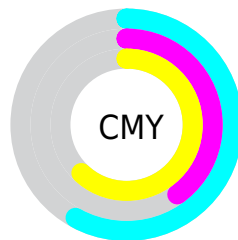


Cyan (31%)

Magenta (0%)

Yellow (36%)

Black (40%)



Cyan (58%)


Magenta (40%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1188, 0.3162, 0.4326 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 27.1188, 0.3162, 0.4326 by changing the saturation by 10% instead.


 27.1188, 0.3162,
0.4326

 27.1188, 0.3162,
0.4326


288.2319, 0.3159,
0.3735


 17.6625, 0.3154,
0.4502


 55.0744, 0.3166,
0.4091


 10.7079, 0.3136,
0.4749


 74.3425, 0.3166,
0.4009

 5.8708, 0.3096,
0.5114

 97.6500, 0.3165,
0.3942

 2.7667, 0.3022,
0.5753

 125.3813, 0.3164,
0.3887

 1.0112, 0.2250,
0.7750

157.9207, 0.3163,
0.3840

 0.0000, 0.0000,
0.0000

195.6527, 0.3162,

0.3800

238.9616, 0.3161,
0.3765

■ 27.1188, 0.3162,
0.4326

■ 27.1188, 0.3162,
0.4326

■ 26.1140, 0.3162,
0.4659

■ 28.3018, 0.3157,
0.4007

■ 25.2754, 0.3156,
0.4992

■ 29.6675, 0.3147,
0.3712

■ 24.5949, 0.3142,
0.5304

■ 31.2245, 0.3136,
0.3445


■ 24.0624, 0.3120,
0.5574


■ 32.9799, 0.3122,
0.3207

■ 23.6664, 0.3092,
0.5781


■ 34.9402, 0.3108,
0.2997


 23.3924, 0.3062,
0.5917

 37.1120, 0.3094,
0.2814

 23.3159, 0.3053,
0.5958

 39.5012, 0.3080,
0.2654

 42.1137, 0.3066,
0.2515

 44.9551, 0.3054,
0.2394

Harmonies

Analogous

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



27.1188, 0.3747, 0.4384



27.1188, 0.3162, 0.4326



27.1188, 0.2597, 0.3881

Triad

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



27.1188, 0.3162, 0.4326



27.1188, 0.2134, 0.2411



27.1188, 0.4138, 0.3206

Complementary

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



27.1188, 0.3162, 0.4326



17.0940, 0.3052, 0.2384

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.



27.1188, 0.3621, 0.2782



27.1188, 0.3162, 0.4326



27.1188, 0.2463, 0.2339

Square

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



27.1188, 0.3162, 0.4326



27.1188, 0.2041, 0.2719



27.1188, 0.2995, 0.2475



27.1188, 0.4348, 0.3676

Rectangle

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



27.1188, 0.3162, 0.4326



27.1188, 0.2307, 0.3463



27.1188, 0.2995, 0.2475



27.1188, 0.3992, 0.3056

Sweetspot

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



27.1200, 0.3162, 0.4326



55.2974, 0.3141, 0.3571



27.9041, 0.3706, 0.4038



12.4369, 0.3143, 0.3604



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.



27.1200, 0.3162, 0.4326



47.6840, 0.3163, 0.4610



26.9875, 0.2924, 0.3988



6.9707, 0.3139, 0.3518



19.0052, 0.3057, 0.5955



0.2947, 0.3267, 0.5788

Inverse Universe

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



17.0940, 0.3052, 0.2384



26.6036, 0.3027, 0.2174



17.3669, 0.3415, 0.2684



6.2736, 0.3113, 0.3069



5.7377, 0.2816, 0.1325



0.0976, 0.3004, 0.1428

Previews

White Background



This preview shows how the Yxy color 27.1188, 0.3162, 0.4326 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 27.1188, 0.3162, 0.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

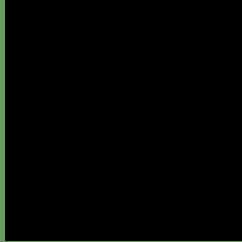
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1188, 0.3162, 0.4326

Background



This preview shows how black text looks on a background with the Yxy color 27.1188, 0.3162, 0.4326.



This preview shows how white text looks on a background with the Yxy color 27.1188, 0.3162, 0.4326.

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

27.1188, 0.3162, 0.4326

Protanopia

27.0063, 0.3771, 0.4077

Deuteranopia

26.8925, 0.3876, 0.3811



Tritanopia

27.1180, 0.2740, 0.3103

Trichromacy



Original Color

27.1188, 0.3162, 0.4326

Protanomaly

26.7024, 0.3533, 0.4163

Deuteranomaly

26.6955, 0.3590, 0.3989

Tritanomaly

27.1010, 0.2892, 0.3537

Monochromacy



Original Color

27.1188, 0.3162, 0.4326

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.7153, 0.3143, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1188, 0.3162, 0.4326 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(107, 154, 98)` looks like.

```
.text, #text, p{  
    color:rgb(107, 154, 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(107, 154, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 154, 98) }
```

Border

The CSS property to change the border of an element to Yxy 27.1188, 0.3162, 0.4326 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(107, 154, 98) }
```

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

```
.border{ border-color:rgb(107, 154, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 154, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 154, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 154, 98);  
box-shadow:4px 4px 4px 4px rgb(107, 154,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1188, 0.3162, 0.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 154, 98) }
```

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

```
.background{ background-color: rgb(107,  
154, 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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