

Converting Colors

$Y_{xy}(26.7038, 0.2946, 0.3991)$

Have a look what the booklet for
Yxy(26.7038, 0.2946, 0.3991)
contains.

Yxy(26.7527, 0.2947, 0.3981) 3

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Color

Yxy(26.7527, 0.2947, 0.3981)

Conversions

Conversions Part 1	
Format	Color
Hex	649974
RGB	100, 153, 116
RGB Percent	39%, 60%, 45%
CMY	0.6076, 0.4000, 0.5451
CMYK	0.35, 0.00, 0.24, 0.40
HSL	138°, 21%, 50%
HSV	138°, 35%, 60%
XYZ	19.8041, 26.7527, 20.6441
YIQ	132.9350, -19.7110, -22.7430

Conversions

Conversions Part 2

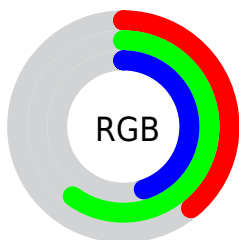
Format	Color
RYB	100, 141, 153
Decimal	6592884
CIELab	58.74, -25.75, 13.97
CIELCh	59, 29.301, 151.518
Yxy	26.7527, 0.2947, 0.3981
Android (android.graphics.Color)	4284782964 (0xFF649974)
YUV	132.9350, -8.3490, -28.8840
Hunter-Lab	51.7230, -22.1698, 12.5418

Details

The Yxy color $26.7527, 0.2947, 0.3981$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.7049, 0.3374, 0.2689$, and the grayscale version is $23.4719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7112, 0.2994, 0.3831$, and $10.5982, 0.2861, 0.4265$ is the 20% darker color. If you saturate the color by 10%, you get $25.7265, 0.2904, 0.4225$, and if you desaturate by 10%, it is $27.9736, 0.2996, 0.3755$.

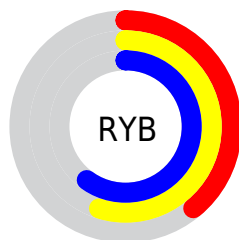
Distribution



Red (39%)

Green (60%)

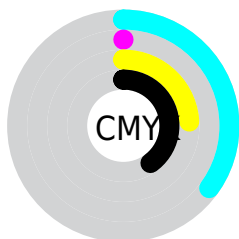
Blue (45%)



Red (39%)

Yellow (55%)

Blue (60%)

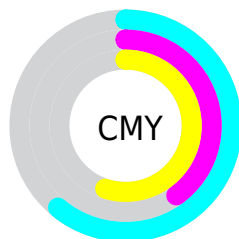


Cyan (35%)

Magenta (0%)

Yellow (24%)

Black (40%)



Cyan (61%)

Magenta (40%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7527, 0.2947, 0.3981 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 26.7527, 0.2947, 0.3981 by changing the saturation by 10% instead.


 26.7527, 0.2947,
0.3981


 26.7527, 0.2947,
0.3981


286.4577, 0.3053,
0.3589


 17.3876, 0.2914,
0.4099


 54.4868, 0.2990,
0.3825


 10.5112, 0.2865,
0.4264


 73.6245, 0.3005,
0.3771

 5.7392, 0.2790,
0.4512

 96.7886, 0.3017,
0.3726

 2.6872, 0.2658,
0.4925

 124.3634, 0.3027,
0.3689

 0.9707, 0.2176,
0.7248

156.7333, 0.3035,
0.3658

 0.0000, 0.0000,
0.0000

194.2827, 0.3042,


0.3632


237.3961, 0.3048,
0.3609


 26.7527, 0.2947,
0.3981

 26.7527, 0.2947,
0.3981

 25.7265, 0.2904,
0.4225


 27.9736, 0.2996,
0.3755


 24.8816, 0.2869,
0.4483


 29.3953, 0.3049,
0.3551


 24.2078, 0.2846,
0.4746


 31.0277, 0.3102,
0.3367


 23.6929, 0.2838,
0.5005


 32.8789, 0.3156,
0.3205

 23.3228, 0.2845,
0.5249

 34.9569, 0.3208,
0.3062

 23.0800, 0.2867,
0.5464

 37.2689, 0.3258,
0.2937

 22.9779, 0.2880,
0.5568

 39.8222, 0.3306,
0.2828

 42.6234, 0.3351,
0.2733

 45.6790, 0.3393,
0.2651

Harmonies

Analogous

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



26.7527, 0.3434, 0.4181



26.7527, 0.2947, 0.3981



26.7527, 0.2530, 0.3543

Triad

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



26.7527, 0.2947, 0.3981



26.7527, 0.2411, 0.2519



26.7527, 0.4053, 0.3408

Complementary

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



26.7527, 0.2947, 0.3981



17.7049, 0.3374, 0.2689

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.



26.7527, 0.3736, 0.3027



26.7527, 0.2947, 0.3981



26.7527, 0.2769, 0.2535

Square

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



26.7527, 0.2947, 0.3981



26.7527, 0.2241, 0.2693



26.7527, 0.3253, 0.2717



26.7527, 0.4093, 0.3792

Rectangle

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



26.7527, 0.2947, 0.3981



26.7527, 0.2341, 0.3212



26.7527, 0.3253, 0.2717



26.7527, 0.3975, 0.3277

Sweetspot

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



26.7538, 0.2947, 0.3981



53.8886, 0.3072, 0.3467



29.0292, 0.3459, 0.4179



11.8176, 0.3065, 0.3491



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.7538, 0.2947, 0.3981



46.3793, 0.2911, 0.4181



27.4580, 0.2732, 0.3478



6.9547, 0.3078, 0.3449



18.9983, 0.2877, 0.5555



0.2899, 0.2655, 0.4757

Inverse Universe

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



17.7049, 0.3374, 0.2689



27.5183, 0.3452, 0.2546



17.0373, 0.3755, 0.3113



6.2919, 0.3181, 0.3136



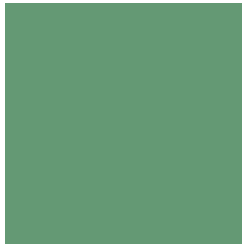
6.4791, 0.4126, 0.2047



0.1032, 0.3647, 0.1783

Previews

White Background



This preview shows how the Yxy color 26.7527, 0.2947, 0.3981 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 26.7527, 0.2947, 0.3981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

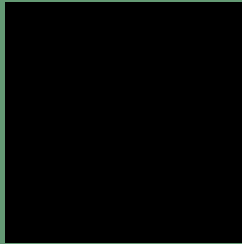
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7527, 0.2947, 0.3981

Background



This preview shows how black text looks on a background with the Yxy color 26.7527, 0.2947, 0.3981.



This preview shows how white text looks on a background with the Yxy color 26.7527, 0.2947, 0.3981.

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

26.7527, 0.2947, 0.3981

Protanopia

26.3660, 0.3555, 0.3784

Deuteranopia

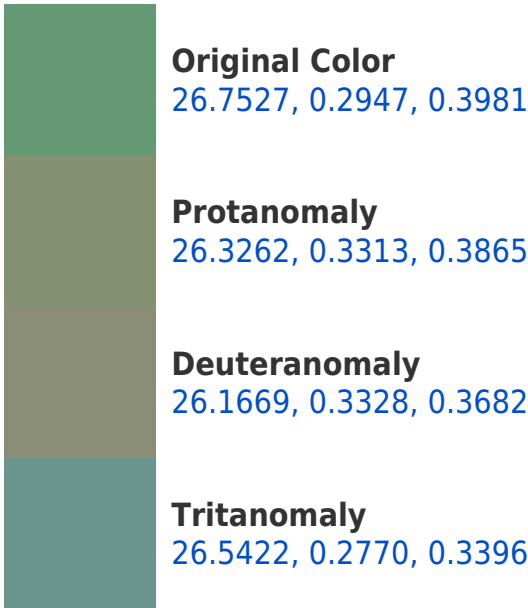
26.3654, 0.3606, 0.3527



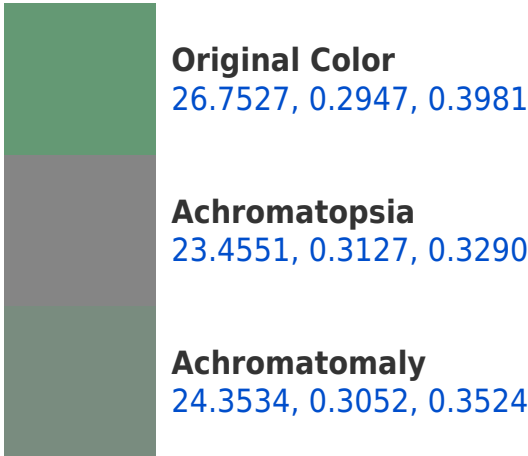
Tritanopia

26.6219, 0.2663, 0.3083

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7527, 0.2947, 0.3981 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(100, 153, 116)` looks like.

```
.text, #text, p{  
    color:rgb(100, 153, 116)  
}
```

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(100, 153, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 153, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.7527, 0.2947, 0.3981 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(100, 153, 116) }
```

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

```
.border{ border-color:rgb(100, 153, 116) }
```

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

Here you see how a box with a 4 pixel rgb(100, 153, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 153, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 153, 116);  
box-shadow:4px 4px 4px 4px rgb(100, 153,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7527, 0.2947, 0.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 153, 116) }
```

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

```
.background{ background-color: rgb(100,  
153, 116) }
```

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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