

Converting Colors

$Yxy(26.3553, 0.2876, 0.3982)$

Have a look what the booklet for
Yxy(26.3553, 0.2876, 0.3982)
contains.

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Color

Yxy(26.3421, 0.2869, 0.3975)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5C9975 |
| RGB | 92, 153, 117 |
| RGB Percent | 36%, 60%, 46% |
| CMY | 0.6394, 0.4000, 0.5411 |
| CMYK | 0.40, 0.00, 0.24, 0.40 |
| HSL | 145°, 25%, 48% |
| HSV | 145°, 40%, 60% |
| XYZ | 19.0127, 26.3421, 20.9146 |
| YIQ | 130.6570, -24.8000, -24.1280 |

Conversions

Conversions Part 2

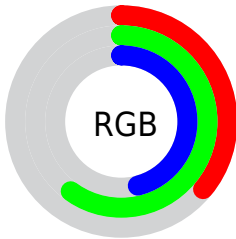
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 135, 153 |
| Decimal | 6068597 |
| CIE _{Lab} | 58.36, -28.10, 12.81 |
| CIE _{LCh} | 58, 30.883, 155.492 |
| Yxy | 26.3421, 0.2869, 0.3975 |
| Android (android.graphics.Color) | 4284258677 (0xFF5C9975) |
| YUV | 130.6570, -6.7329, -33.9022 |
| Hunter-Lab | 51.3246, -23.6943, 11.7667 |

Details

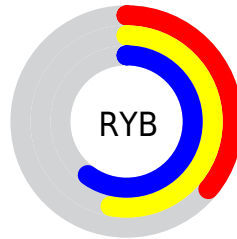
The Yxy color $26.3421, 0.2869, 0.3975$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.9771, 0.3521, 0.2698$, and the grayscale version is $22.5965, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9961, 0.2932, 0.3825$, and $10.2084, 0.2756, 0.4236$ is the 20% darker color. If you saturate the color by 10%, you get $25.4315, 0.2820, 0.4186$, and if you desaturate by 10%, it is $27.4345, 0.2927, 0.3778$.

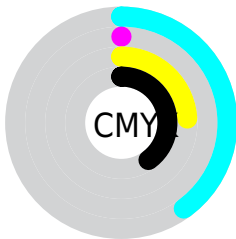
Distribution



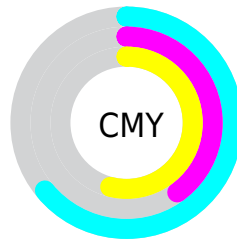
- Red (36%)
- Green (60%)
- Blue (46%)



- Red (36%)
- Yellow (53%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)





- Cyan (64%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3421, 0.2869, 0.3975 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 26.3421, 0.2869, 0.3975 by changing the saturation by 10% instead.

 26.3421, 0.2869,
0.3975


 26.3421, 0.2869,
0.3975


284.4574, 0.3018,
0.3585


 17.0797, 0.2823,
0.4093


 53.8263, 0.2929,
0.3820

 10.2914, 0.2759,
0.4258


 72.8170, 0.2949,
0.3766

 5.5926, 0.2660,
0.4508

 95.8192, 0.2966,
0.3721

 2.5990, 0.2491,
0.4927

 123.2174, 0.2980,
0.3685

 0.9261, 0.1573,
0.7517

155.3959, 0.2992,
0.3654

 0.0000, 0.0000,
0.0000

192.7391, 0.3002,

0.3628

235.6315, 0.3010,
0.3605

■ 26.3421, 0.2869,
0.3975

■ 26.3421, 0.2869,
0.3975

■ 25.4315, 0.2820,
0.4186

■ 27.4345, 0.2927,
0.3778

■ 24.6891, 0.2783,
0.4407

■ 28.7147, 0.2991,
0.3598

■ 24.1049, 0.2761,
0.4633


■ 30.1927, 0.3059,
0.3435

■ 23.6660, 0.2757,
0.4857

■ 31.8765, 0.3128,
0.3289

■ 23.3576, 0.2770,
0.5070

■ 33.7739, 0.3197,
0.3159


 23.1441, 0.2797,
0.5268

 35.8921, 0.3264,
0.3045

 23.1421, 0.2797,
0.5269

 38.2381, 0.3329,
0.2945

 40.8186, 0.3391,
0.2858

 43.6398, 0.3450,
0.2781

Harmonies

Analogous

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



26.3421, 0.3381, 0.4228



26.3421, 0.2869, 0.3975



26.3421, 0.2449, 0.3486

Triad

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



26.3421, 0.2869, 0.3975



26.3421, 0.2411, 0.2468



26.3421, 0.4132, 0.3466

Complementary

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



26.3421, 0.2869, 0.3975



15.9771, 0.3521, 0.2698

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.



26.3421, 0.3830, 0.3062



26.3421, 0.2869, 0.3975



26.3421, 0.2810, 0.2511

Square

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



26.3421, 0.2869, 0.3975



26.3421, 0.2205, 0.2622



26.3421, 0.3331, 0.2723



26.3421, 0.4132, 0.3865

Rectangle

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



26.3421, 0.2869, 0.3975



26.3421, 0.2270, 0.3138



26.3421, 0.3331, 0.2723



26.3421, 0.4062, 0.3328

Sweetspot

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



26.3432, 0.2869, 0.3975



53.4140, 0.3043, 0.3471



28.1924, 0.3439, 0.4345



11.7247, 0.3035, 0.3490



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.



26.3432, 0.2869, 0.3975



45.6810, 0.2824, 0.4165



27.1622, 0.2635, 0.3399



6.9655, 0.3064, 0.3424



19.1303, 0.2793, 0.5256



0.2930, 0.2566, 0.4437

Inverse Universe

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



15.9771, 0.3521, 0.2698



24.4426, 0.3649, 0.2567



15.3027, 0.3995, 0.3189



6.2807, 0.3196, 0.3160



6.2170, 0.4546, 0.2278



0.1002, 0.3853, 0.1896

Previews

White Background



This preview shows how the Yxy color 26.3421, 0.2869, 0.3975 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 26.3421, 0.2869, 0.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

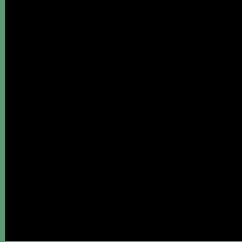
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3421, 0.2869, 0.3975

Background



This preview shows how black text looks on a background with the Yxy color 26.3421, 0.2869, 0.3975.



This preview shows how white text looks on a background with the Yxy color 26.3421, 0.2869, 0.3975.

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

26.3421, 0.2869, 0.3975

Protanopia

26.0025, 0.3537, 0.3754

Deuteranopia

25.9043, 0.3574, 0.3497



Tritanopia

26.1954, 0.2607, 0.3080

Trichromacy



Original Color

26.3421, 0.2869, 0.3975

Protanomaly

25.7280, 0.3261, 0.3839

Deuteranomaly

25.5567, 0.3274, 0.3653

Tritanomaly

26.1052, 0.2695, 0.3379

Monochromacy



Original Color

26.3421, 0.2869, 0.3975

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7535, 0.3020, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3421, 0.2869, 0.3975 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(92, 153, 117)` looks like.

```
.text, #text, p{  
    color:rgb(92, 153, 117)  
}
```

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(92, 153, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.3421, 0.2869, 0.3975 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(92, 153, 117) }
```

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

```
.border{ border-color:rgb(92, 153, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 153, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 117);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3421, 0.2869, 0.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 117) }
```

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

```
.background{ background-color: rgb(92, 153,  
117) }
```

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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