

Converting Colors

$Y_{xy}(25.2879, 0.2931, 0.4365)$

Have a look what the booklet for
Yxy(25.2879, 0.2931, 0.4365)
contains.

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Color

$\text{Yxy}(25.4772, 0.2931, 0.4361)$

Conversions

Conversions Part 1

Format	Color
Hex	529963
RGB	82, 153, 99
RGB Percent	32%, 60%, 39%
CMY	0.6784, 0.4000, 0.6117
CMYK	0.46, 0.00, 0.35, 0.40
HSL	134°, 30%, 46%
HSV	134°, 46%, 60%
XYZ	17.1231, 25.4772, 15.8203
YIQ	125.6150, -24.9820, -31.8460

Conversions

Conversions Part 2

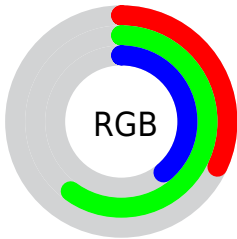
Format	Color
R_{YB}	82, 139, 153
Decimal	5413219
CIE _{Lab}	57.54, -34.58, 21.65
CIE _{LCh}	58, 40.796, 147.956
Yxy	25.4772, 0.2931, 0.4361
Android (android.graphics.Color)	4283603299 (0xFF529963)
YUV	125.6150, -13.1212, -38.2504
Hunter-Lab	50.4749, -27.7770, 16.7493

Details

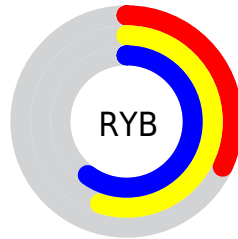
The Yxy color $25.4772, 0.2931, 0.4361$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.5846, 0.3421, 0.2423$, and the grayscale version is $20.7787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4647, 0.2985, 0.4115$, and $9.7883, 0.2813, 0.4810$ is the 20% darker color. If you saturate the color by 10%, you get $24.6604, 0.2903, 0.4642$, and if you desaturate by 10%, it is $26.4812, 0.2967, 0.4092$.

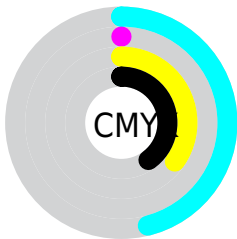
Distribution



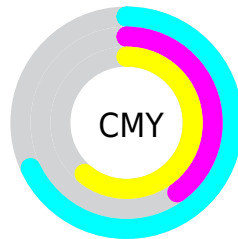
- Red (32%)
- Green (60%)
- Blue (39%)



- Red (32%)
- Yellow (55%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)




- Cyan (68%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4772, 0.2931, 0.4361 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 25.4772, 0.2931, 0.4361 by changing the saturation by 10% instead.


 25.4772, 0.2931,
0.4361


 25.4772, 0.2931,
0.4361


280.2062, 0.3056,
0.3739


 16.4329, 0.2886,
0.4553


 52.4303, 0.2985,
0.4110


 9.8310, 0.2818,
0.4825


 71.1080, 0.3003,
0.4024

 5.2871, 0.2703,
0.5240

 93.7656, 0.3017,
0.3954

 2.4167, 0.2511,
0.5999

 120.7875, 0.3028,
0.3896

 0.8344, 0.0000,
1.0000

 152.5581, 0.3037,
0.3848

 0.0000, 0.0000,
0.0000

189.4618, 0.3044,

0.3806

231.8830, 0.3051,
0.3771

■ 25.4772, 0.2931,
0.4361

■ 25.4772, 0.2931,
0.4361

■ 24.6604, 0.2903,
0.4642

■ 26.4812, 0.2967,
0.4092

■ 24.0158, 0.2885,
0.4924

■ 27.6797, 0.3009,
0.3841

■ 23.5316, 0.2881,
0.5194


■ 29.0838, 0.3053,
0.3613


■ 23.1929, 0.2890,
0.5438

■ 30.7023, 0.3098,
0.3409


■ 22.9779, 0.2911,
0.5642

■ 32.5441, 0.3143,
0.3228

 22.9149, 0.2918,
0.5706

 34.6172, 0.3187,
0.3069

 36.9292, 0.3229,
0.2930

 39.4876, 0.3268,
0.2810

 42.2993, 0.3305,
0.2705

Harmonies

Analogous

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



25.4772, 0.3604, 0.4571



25.4772, 0.2931, 0.4361



25.4772, 0.2346, 0.3730

Triad

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



25.4772, 0.2931, 0.4361



25.4772, 0.2106, 0.2247



25.4772, 0.4406, 0.3356

Complementary

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



25.4772, 0.2931, 0.4361



14.5846, 0.3421, 0.2423

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.



25.4772, 0.3912, 0.2863



25.4772, 0.2931, 0.4361



25.4772, 0.2552, 0.2253

Square

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



25.4772, 0.2931, 0.4361



25.4772, 0.1915, 0.2492



25.4772, 0.3207, 0.2473



25.4772, 0.4496, 0.3880

Rectangle

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



25.4772, 0.2931, 0.4361



25.4772, 0.2080, 0.3238



25.4772, 0.3207, 0.2473



25.4772, 0.4281, 0.3185

Sweetspot

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



25.4783, 0.2931, 0.4361



52.6681, 0.3063, 0.3567



28.6635, 0.3610, 0.4472



11.5090, 0.3054, 0.3610



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.



25.4783, 0.2931, 0.4361



44.0713, 0.2901, 0.4662



26.3005, 0.2659, 0.3647



6.9486, 0.3085, 0.3464



18.9425, 0.2915, 0.5694



0.2882, 0.2712, 0.4963

Inverse Universe

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



14.5846, 0.3421, 0.2423



22.0158, 0.3513, 0.2246



13.7454, 0.4003, 0.2974



6.2983, 0.3172, 0.3122



6.6516, 0.3907, 0.1926



0.1049, 0.3545, 0.1727

Previews

White Background



This preview shows how the Yxy color 25.4772, 0.2931, 0.4361 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 25.4772, 0.2931, 0.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

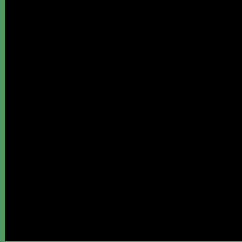
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4772, 0.2931, 0.4361

Background



This preview shows how black text looks on a background with the Yxy color 25.4772, 0.2931, 0.4361.



This preview shows how white text looks on a background with the Yxy color 25.4772, 0.2931, 0.4361.

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

25.4772, 0.2931, 0.4361

Protanopia

25.0536, 0.3750, 0.4037

Deuteranopia

25.1834, 0.3803, 0.3734



Tritanopia

25.4593, 0.2558, 0.3076

Trichromacy



Original Color

25.4772, 0.2931, 0.4361

Protanomaly

24.8311, 0.3407, 0.4158

Deuteranomaly

24.7020, 0.3440, 0.3961

Tritanomaly

25.4747, 0.2686, 0.3513

Monochromacy



Original Color

25.4772, 0.2931, 0.4361

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1843, 0.3044, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4772, 0.2931, 0.4361 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(82, 153, 99)` looks like.

```
.text, #text, p{  
    color:rgb(82, 153, 99)  
}
```

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(82, 153, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 153, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.4772, 0.2931, 0.4361 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(82, 153, 99) }
```

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

```
.border{ border-color:rgb(82, 153, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 153, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 153, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 153, 99);  
box-shadow:4px 4px 4px 4px rgb(82, 153,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4772, 0.2931, 0.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 153, 99) }
```

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

```
.background{ background-color: rgb(82, 153,  
99) }
```

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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