

Converting Colors

$Y_{xy}(25.1540, 0.2923, 0.4471)$

Have a look what the booklet for
Yxy(25.1540, 0.2923, 0.4471)
contains.

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Color

Yxy(25.1271, 0.2922, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	4C995E
RGB	76, 153, 94
RGB Percent	30%, 60%, 37%
CMY	0.7020, 0.4000, 0.6313
CMYK	0.50, 0.00, 0.39, 0.40
HSL	134°, 34%, 45%
HSV	134°, 50%, 60%
XYZ	16.3924, 25.1271, 14.5803
YIQ	123.2510, -26.9530, -34.6730

Conversions

Conversions Part 2

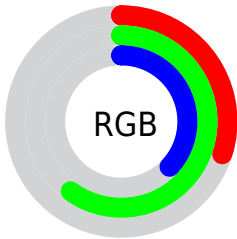
Format	Color
R_{YB}	76, 138, 153
Decimal	5019998
CIE _{Lab}	57.20, -37.20, 23.88
CIE _{LCh}	57, 44.205, 147.296
Yxy	25.1271, 0.2922, 0.4479
Android (android.graphics.Color)	4283210078 (0xFF4C995E)
YUV	123.2510, -14.4207, -41.4391
Hunter-Lab	50.1269, -29.3496, 17.8433

Details

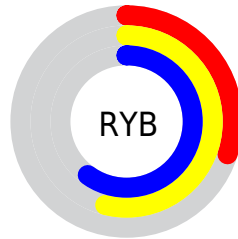
The Yxy color $25.1271, 0.2922, 0.4479$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $13.6891, 0.3448, 0.2349$, and the grayscale version is $19.9502, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9019, 0.2982, 0.4198$, and $9.6228, 0.2793, 0.4995$ is the 20% darker color. If you saturate the color by 10%, you get $24.3796, 0.2898, 0.4764$, and if you desaturate by 10%, it is $26.0577, 0.2955, 0.4202$.

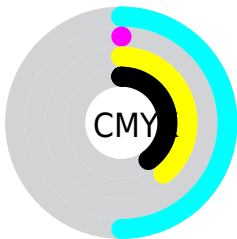
Distribution



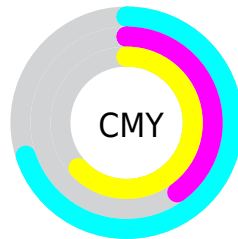
- Red (30%)
- Green (60%)
- Blue (37%)



- Red (30%)
- Yellow (54%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)





- Cyan (70%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1271, 0.2922, 0.4479 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 25.1271, 0.2922, 0.4479 by changing the saturation by 10% instead.


 25.1271, 0.2922,
0.4479


 25.1271, 0.2922,
0.4479

278.4703, 0.3057,
0.3785


 16.1718, 0.2872,
0.4694


 51.8633, 0.2981,
0.4198


 9.6458, 0.2795,
0.5001


 70.4130, 0.3000,
0.4102

 5.1647, 0.2664,
0.5469

 92.9297, 0.3015,
0.4024

 2.3442, 0.2474,
0.6421

 119.7976, 0.3026,
0.3959

 0.7970, 0.0000,
1.0000

 151.4012, 0.3036,
0.3905

 0.0000, 0.0000,
0.0000

188.1250, 0.3044,

0.3859

230.3532, 0.3051,
0.3820

■ 25.1271, 0.2922,
0.4479

■ 25.1271, 0.2922,
0.4479

■ 24.3796, 0.2898,
0.4764

■ 26.0577, 0.2955,
0.4202

■ 23.7998, 0.2886,
0.5044

■ 27.1792, 0.2994,
0.3942

■ 23.3752, 0.2887,
0.5306

■ 28.5029, 0.3037,
0.3703

■ 23.0896, 0.2901,
0.5535

■ 30.0382, 0.3081,
0.3487

■ 22.9096, 0.2921,
0.5716

■ 31.7938, 0.3126,
0.3296

■ 33.7781, 0.3169,
0.3128

■ 35.9990, 0.3211,
0.2980

■ 38.4639, 0.3251,
0.2852

■ 41.1800, 0.3288,
0.2741

Harmonies

Analogous

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



25.1271, 0.3649, 0.4685



25.1271, 0.2922, 0.4479



25.1271, 0.2290, 0.3787

Triad

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



25.1271, 0.2922, 0.4479



25.1271, 0.2021, 0.2169



25.1271, 0.4512, 0.3338

Complementary

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



25.1271, 0.2922, 0.4479



13.6891, 0.3448, 0.2349

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.



25.1271, 0.3964, 0.2816



25.1271, 0.2922, 0.4479



25.1271, 0.2490, 0.2174

Square

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



25.1271, 0.2922, 0.4479



25.1271, 0.1824, 0.2431



25.1271, 0.3193, 0.2404



25.1271, 0.4612, 0.3899

Rectangle

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



25.1271, 0.2922, 0.4479



25.1271, 0.2004, 0.3243



25.1271, 0.3193, 0.2404



25.1271, 0.4372, 0.3156

Sweetspot

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



25.1281, 0.2922, 0.4479



52.3796, 0.3059, 0.3591



28.4588, 0.3643, 0.4569



11.4506, 0.3050, 0.3633



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.



25.1281, 0.2922, 0.4479



43.5593, 0.2897, 0.4788



25.9984, 0.2630, 0.3682



6.9481, 0.3086, 0.3465



18.9382, 0.2918, 0.5705



0.2880, 0.2717, 0.4982

Inverse Universe

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



13.6891, 0.3448, 0.2349



20.7404, 0.3541, 0.2179



12.7949, 0.4117, 0.2950



6.2989, 0.3171, 0.3121



6.6675, 0.3889, 0.1916



0.1051, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 25.1271, 0.2922, 0.4479 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 25.1271, 0.2922, 0.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

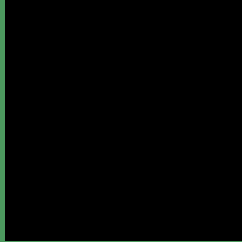
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1271, 0.2922, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 25.1271, 0.2922, 0.4479.



This preview shows how white text looks on a background with the Yxy color 25.1271, 0.2922, 0.4479.

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

25.1271, 0.2922, 0.4479

Protanopia

24.9690, 0.3802, 0.4117

Deuteranopia

24.8148, 0.3867, 0.3797



Tritanopia

24.9093, 0.2532, 0.3073

Trichromacy



Original Color

25.1271, 0.2922, 0.4479

Protanomaly

24.5207, 0.3420, 0.4258

Deuteranomaly

24.1536, 0.3471, 0.4040

Tritanomaly

24.8795, 0.2677, 0.3555

Monochromacy



Original Color

25.1271, 0.2922, 0.4479

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.2842, 0.3041, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1271, 0.2922, 0.4479 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(76, 153, 94)` looks like.

```
.text, #text, p{  
    color:rgb(76, 153, 94)  
}
```

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(76, 153, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 153, 94) }
```

Border

The CSS property to change the border of an element to Yxy 25.1271, 0.2922, 0.4479 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(76, 153, 94) }
```

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

```
.border{ border-color:rgb(76, 153, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 153, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 153, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 153, 94);  
box-shadow:4px 4px 4px 4px rgb(76, 153,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1271, 0.2922, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 153, 94) }
```

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

```
.background{ background-color: rgb(76, 153,  
94) }
```

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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