

Converting Colors

$Y_{xy}(25.4756, 0.3051, 0.4433)$

Have a look what the booklet for
Yxy(25.4756, 0.3051, 0.4433)
contains.

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Color

$Yxy(25.4709, 0.3055, 0.4442)$

Conversions

Conversions Part 1

Format	Color
Hex	5B985D
RGB	91, 152, 93
RGB Percent	36%, 60%, 36%
CMY	0.6432, 0.4039, 0.6352
CMYK	0.40, 0.00, 0.39, 0.40
HSL	122°, 25%, 48%
HSV	122°, 40%, 60%
XYZ	17.5177, 25.4709, 14.3525
YIQ	127.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

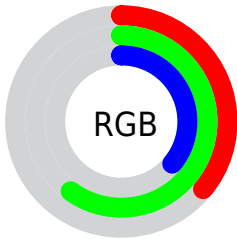
Format	Color
RYB	91, 150, 152
Decimal	6002781
CIELab	57.53, -32.40, 24.99
CIElCh	58, 40.921, 142.355
Yxy	25.4709, 0.3055, 0.4442
Android (android.graphics.Color)	4284192861 (0xFF5B985D)
YUV	127.0350, -16.7793, -31.6027
Hunter-Lab	50.4687, -26.3629, 18.4670

Details

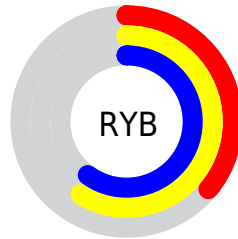
The Yxy color **25.4709, 0.3055, 0.4442** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.3564, 0.3199, 0.2358**, and the grayscale version is **21.2990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5686, 0.3086, 0.4175**, and **9.7429, 0.2975, 0.4924** is the 20% darker color. If you saturate the color by 10%, you get **24.5404, 0.3037, 0.4783**, and if you desaturate by 10%, it is **26.6101, 0.3074, 0.4113**.

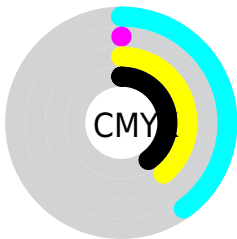
Distribution



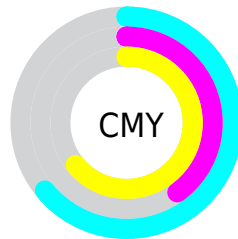
- Red (36%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (59%)
- Blue (60%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4709, 0.3055, 0.4442 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 25.4709, 0.3055, 0.4442 by changing the saturation by 10% instead.


 25.4709, 0.3055,
0.4442

 25.4709, 0.3055,
0.4442


280.1750, 0.3115,
0.3774

 16.4282, 0.3027,
0.4647


 52.4201, 0.3085,
0.4173

 9.8277, 0.2980,
0.4936


 71.0955, 0.3094,
0.4081

 5.2849, 0.2892,
0.5373

 93.7506, 0.3100,
0.4005

 2.4154, 0.2782,
0.6268

 120.7697, 0.3104,
0.3943

 0.8338, 0.0018,
0.9982

152.5373, 0.3108,
0.3891

 0.0000, 0.0000,
0.0000

189.4378, 0.3111,

0.3846

231.8556, 0.3113,
0.3808

■ 25.4709, 0.3055,
0.4442

■ 25.4709, 0.3055,
0.4442

■ 24.5404, 0.3037,
0.4783

■ 26.6101, 0.3074,
0.4113

■ 23.8029, 0.3020,
0.5119

■ 27.9660, 0.3093,
0.3809

■ 23.2458, 0.3007,
0.5427


■ 29.5504, 0.3111,
0.3535


■ 22.8537, 0.2999,
0.5682

■ 31.3730, 0.3127,
0.3293

■ 22.6083, 0.2995,
0.5864

■ 33.4431, 0.3142,
0.3082

 22.4691, 0.2993,
0.5973

 35.7695, 0.3155,
0.2900

 38.3606, 0.3167,
0.2742

 41.2242, 0.3178,
0.2607

 44.3681, 0.3187,
0.2491

Harmonies

Analogous

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



25.4709, 0.3726, 0.4560



25.4709, 0.3055, 0.4442



25.4709, 0.2438, 0.3869

Triad

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



25.4709, 0.3055, 0.4442



25.4709, 0.2048, 0.2270



25.4709, 0.4345, 0.3259

Complementary

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



25.4709, 0.3055, 0.4442



16.3564, 0.3199, 0.2358

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.



25.4709, 0.3790, 0.2778



25.4709, 0.3055, 0.4442



25.4709, 0.2449, 0.2231

Square

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



25.4709, 0.3055, 0.4442



25.4709, 0.1906, 0.2565



25.4709, 0.3074, 0.2415



25.4709, 0.4516, 0.3784

Rectangle

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



25.4709, 0.3055, 0.4442



25.4709, 0.2140, 0.3373



25.4709, 0.3074, 0.2415



25.4709, 0.4195, 0.3090

Sweetspot

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



25.4720, 0.3055, 0.4442



51.5374, 0.3107, 0.3590



29.7912, 0.3699, 0.4259



11.6370, 0.3105, 0.3621



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.



25.4720, 0.3055, 0.4442



43.4936, 0.3039, 0.4742



26.0992, 0.2815, 0.3850



6.9288, 0.3112, 0.3512



18.8396, 0.2992, 0.5971



0.2824, 0.2952, 0.5827

Inverse Universe

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



16.3564, 0.3199, 0.2358



25.1652, 0.3215, 0.2171



15.5230, 0.3624, 0.2797



6.3201, 0.3142, 0.3078



7.3628, 0.3292, 0.1587



0.1110, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 25.4709, 0.3055, 0.4442 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 25.4709, 0.3055, 0.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

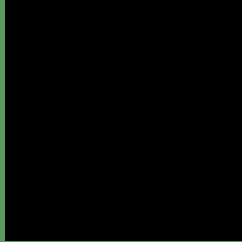
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4709, 0.3055, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 25.4709, 0.3055, 0.4442.



This preview shows how white text looks on a background with the Yxy color 25.4709, 0.3055, 0.4442.

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

25.4709, 0.3055, 0.4442

Protanopia

25.3491, 0.3808, 0.4128

Deuteranopia

25.1709, 0.3885, 0.3826



Tritanopia

25.2899, 0.2639, 0.3078

Trichromacy



Original Color

25.4709, 0.3055, 0.4442

Protanomaly

25.0333, 0.3511, 0.4250

Deuteranomaly

24.6281, 0.3553, 0.4040

Tritanomaly

25.2135, 0.2789, 0.3549

Monochromacy



Original Color

25.4709, 0.3055, 0.4442

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.4235, 0.3098, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4709, 0.3055, 0.4442 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(91, 152, 93)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 93)  
}
```

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(91, 152, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.4709, 0.3055, 0.4442 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(91, 152, 93) }
```

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

```
.border{ border-color:rgb(91, 152, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 152, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 152, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 152, 93);  
box-shadow:4px 4px 4px 4px rgb(91, 152,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4709, 0.3055, 0.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 93) }
```

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

```
.background{ background-color: rgb(91, 152,  
93) }
```

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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