

Converting Colors

$Y_{xy}(27.2677, 0.3825, 0.5315)$

Have a look what the booklet for
Yxy(27.2677, 0.3825, 0.5315)
contains.

Yxy(27.2619, 0.3825, 0.5317)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.2619, 0.3825, 0.5317)

Conversions

Conversions Part 1

Format	Color
Hex	7A9A06
RGB	122, 154, 6
RGB Percent	48%, 60%, 2%
CMY	0.5217, 0.3960, 0.9766
CMYK	0.21, 0.00, 0.96, 0.40
HSL	73°, 93%, 31%
HSV	73°, 96%, 60%
XYZ	19.6120, 27.2619, 4.3992
YIQ	127.5600, 28.4360, -52.8120

Conversions

Conversions Part 2

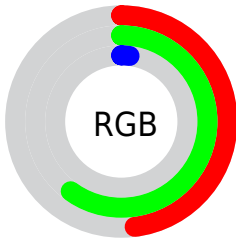
Format	Color
RYB	6, 154, 38
Decimal	8034822
CIELab	59.22, -28.75, 61.05
CIELCh	59, 67.484, 115.213
Yxy	27.2619, 0.3825, 0.5317
Android (android.graphics.Color)	4286224902 (0xFF7A9A06)
YUV	127.5600, -59.9291, -4.8761
Hunter-Lab	52.2129, -24.3254, 31.5535

Details

The Yxy color $27.2619, 0.3825, 0.5317$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $2.8747, 0.1660, 0.0712$, and the grayscale version is $21.6277, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0711, 0.3760, 0.4912$, and $10.9294, 0.3637, 0.5494$ is the 20% darker color. If you saturate the color by 10%, you get $27.1565, 0.3821, 0.5348$, and if you desaturate by 10%, it is $27.5529, 0.3830, 0.5225$.

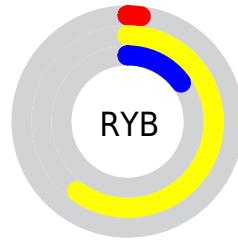
Distribution



Red (48%)

Green (60%)

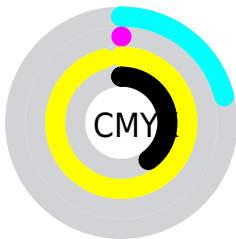
Blue (2%)



Red (2%)

Yellow (60%)

Blue (15%)

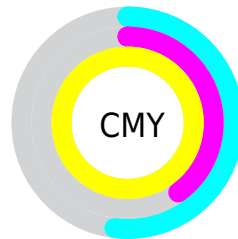


Cyan (21%)

Magenta (0%)

Yellow (96%)

Black (40%)



Cyan (52%)


Magenta (40%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2619, 0.3825, 0.5317 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 27.2619, 0.3825, 0.5317 by changing the saturation by 10% instead.


 27.2619, 0.3825,
0.5317


 27.2619, 0.3825,
0.5317


288.9230, 0.3547,
0.4223


 17.7700, 0.3838,
0.5582


 55.3038, 0.3758,
0.4916

 10.7850, 0.3826,
0.5922


 74.6227, 0.3721,
0.4764


 5.9225, 0.3706,
0.6294

 97.9860, 0.3685,
0.4637

 2.7980, 0.3361,
0.6639

 125.7781, 0.3652,
0.4529


 1.0272, 0.2069,
0.7931


 158.3835, 0.3622,
0.4436


 0.0000, 0.0000,
0.0000


 196.1865, 0.3595,


0.4355


 239.5715, 0.3570,
0.4285


 27.2619, 0.3825,
0.5317


 27.2619, 0.3825,
0.5317


 27.1565, 0.3821,
0.5348

 27.5529, 0.3830,
0.5225

 27.8853, 0.3812,
0.5090

 28.2670, 0.3770,
0.4913

 28.7025, 0.3705,
0.4699

 29.1960, 0.3621,
0.4460

■ 29.7511, 0.3523,
0.4205

■ 30.3710, 0.3417,
0.3944

■ 31.0588, 0.3306,
0.3686

■ 31.8174, 0.3194,
0.3436

Harmonies

Analogous

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



27.2619, 0.4716, 0.4712



27.2619, 0.3825, 0.5317



27.2619, 0.2821, 0.5208

Triad

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



27.2619, 0.3825, 0.5317



27.2619, 0.1350, 0.2076



27.2619, 0.4279, 0.2558

Complementary

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



27.2619, 0.3825, 0.5317



2.8747, 0.1660, 0.0712

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.



27.2619, 0.3114, 0.2040



27.2619, 0.3825, 0.5317



27.2619, 0.1578, 0.1750

Square

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



27.2619, 0.3825, 0.5317



27.2619, 0.1455, 0.2862



27.2619, 0.2155, 0.1757



27.2619, 0.5131, 0.3217

Rectangle

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



27.2619, 0.3825, 0.5317



27.2619, 0.2207, 0.4557



27.2619, 0.2155, 0.1757



27.2619, 0.3895, 0.2364

Sweetspot

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



27.2631, 0.3825, 0.5317



54.7620, 0.3454, 0.4034



8.1199, 0.6051, 0.3515



12.2939, 0.3497, 0.4138



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.2631, 0.3825, 0.5317



49.2388, 0.3813, 0.5354



23.8149, 0.3166, 0.5833



7.1555, 0.3229, 0.3512



22.1383, 0.3824, 0.5346



0.3460, 0.4000, 0.5206

Inverse Universe

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



2.8747, 0.1660, 0.0712



4.7646, 0.1608, 0.0660



5.7519, 0.2502, 0.1172



6.0876, 0.3020, 0.3062



2.1821, 0.1629, 0.0671



0.0462, 0.2001, 0.0876

Previews

White Background



This preview shows how the Yxy color 27.2619, 0.3825, 0.5317 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 27.2619, 0.3825, 0.5317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

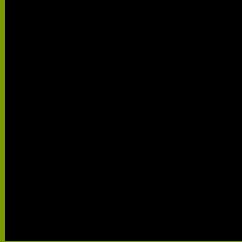
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2619, 0.3825, 0.5317

Background



This preview shows how black text looks on a background with the Yxy color 27.2619, 0.3825, 0.5317.



This preview shows how white text looks on a background with the Yxy color 27.2619, 0.3825, 0.5317.

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

27.2619, 0.3825, 0.5317

Protanopia

27.1185, 0.4391, 0.4896

Deuteranopia

26.9955, 0.4630, 0.4551



Tritanopia

27.1624, 0.2931, 0.3094

Trichromacy



Original Color

27.2619, 0.3825, 0.5317

Protanomaly

26.9828, 0.4178, 0.5056

Deuteranomaly

26.6656, 0.4336, 0.4838

Tritanomaly

26.5528, 0.3392, 0.4096

Monochromacy



Original Color

27.2619, 0.3825, 0.5317

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.9670, 0.3551, 0.4259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2619, 0.3825, 0.5317 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(122, 154, 6)` looks like.

```
.text, #text, p{  
    color:rgb(122, 154, 6)  
}
```

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(122, 154, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 154, 6) }
```

Border

The CSS property to change the border of an element to Yxy 27.2619, 0.3825, 0.5317 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(122, 154, 6) }
```

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

```
.border{ border-color:rgb(122, 154, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 154, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 154, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 154, 6);  
box-shadow:4px 4px 4px 4px rgb(122, 154,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2619, 0.3825, 0.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 154, 6) }
```

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

```
.background{ background-color: rgb(122,  
154, 6) }
```

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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