

Converting Colors

$Y_{xy}(26.1029, 0.3765, 0.5389)$

Have a look what the booklet for
Yxy(26.1029, 0.3765, 0.5389)
contains.

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Color

Yxy(26.0361, 0.3762, 0.5390)

Conversions

Conversions Part 1

Format	Color
Hex	729801
RGB	114, 152, 1
RGB Percent	45%, 60%, 0%
CMY	0.5530, 0.4039, 0.9961
CMYK	0.25, 0.00, 0.99, 0.40
HSL	75°, 99%, 30%
HSV	75°, 99%, 60%
XYZ	18.1721, 26.0361, 4.0962
YIQ	123.4240, 25.8230, -55.0170

Conversions

Conversions Part 2

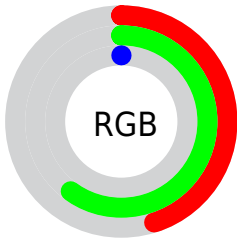
Format	Color
RYB	1, 152, 39
Decimal	7510017
CIELab	58.07, -31.23, 60.69
CIElCh	58, 68.257, 117.227
Yxy	26.0361, 0.3762, 0.5390
Android (android.graphics.Color)	4285700097 (0xFF729801)
YUV	123.4240, -60.3550, -8.2648
Hunter-Lab	51.0256, -25.7242, 30.9582

Details

The Yxy color **26.0361, 0.3762, 0.5390** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.7208, 0.1665, 0.0695**, and the grayscale version is **20.1524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1436, 0.3717, 0.4964**, and **10.2680, 0.3537, 0.5573** is the 20% darker color. If you saturate the color by 10%, you get **26.0181, 0.3761, 0.5396**, and if you desaturate by 10%, it is **26.3351, 0.3777, 0.5299**.

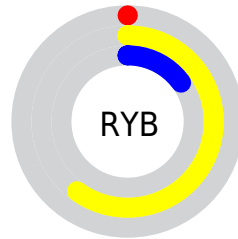
Distribution



Red (45%)

Green (60%)

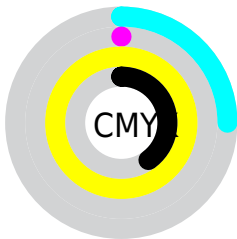
Blue (0%)



Red (0%)

Yellow (60%)

Blue (15%)

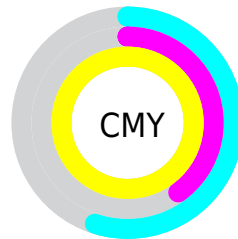


Cyan (25%)

Magenta (0%)

Yellow (99%)

Black (40%)



Cyan (55%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0361, 0.3762, 0.5390 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 26.0361, 0.3762, 0.5390 by changing the saturation by 10% instead.


 26.0361, 0.3762,
0.5390


 26.0361, 0.3762,
0.5390


282.9592, 0.3521,
0.4242


 16.8506, 0.3762,
0.5673


 53.3332, 0.3710,
0.4965

 10.1281, 0.3738,
0.6055


 72.2136, 0.3678,
0.4805


 5.4840, 0.3567,
0.6433

 95.0945, 0.3647,
0.4672

 2.5339, 0.3169,
0.6831

 122.3602, 0.3617,
0.4559


 0.8936, 0.0887,
0.9113


 154.3951, 0.3590,
0.4462


 0.0000, 0.0000,
0.0000


 191.5837, 0.3565,


0.4378


 234.3102, 0.3542,
0.4305


 26.0361, 0.3762,
0.5390

 26.0361, 0.3762,
0.5390


 26.0181, 0.3761,
0.5396

 26.3351, 0.3777,
0.5299

 26.6710, 0.3773,
0.5171

 27.0559, 0.3744,
0.4999

 27.4945, 0.3692,
0.4789

 27.9910, 0.3619,
0.4551

■ 28.5490, 0.3532,
0.4295

■ 29.1718, 0.3434,
0.4031

■ 29.8626, 0.3330,
0.3769

■ 30.6241, 0.3225,
0.3515

Harmonies

Analogous

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



26.0361, 0.4689, 0.4783



26.0361, 0.3762, 0.5390



26.0361, 0.2739, 0.5221

Triad

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



26.0361, 0.3762, 0.5390



26.0361, 0.1322, 0.2011



26.0361, 0.4385, 0.2581

Complementary

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



26.0361, 0.3762, 0.5390



2.7208, 0.1665, 0.0695

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.



26.0361, 0.3189, 0.2043



26.0361, 0.3762, 0.5390



26.0361, 0.1575, 0.1709

Square

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



26.0361, 0.3762, 0.5390



26.0361, 0.1401, 0.2775



26.0361, 0.2186, 0.1738



26.0361, 0.5216, 0.3256

Rectangle

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



26.0361, 0.3762, 0.5390



26.0361, 0.2125, 0.4509



26.0361, 0.2186, 0.1738



26.0361, 0.3994, 0.2381

Sweetspot

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



26.0373, 0.3762, 0.5390



51.3436, 0.3447, 0.4064



8.1132, 0.6034, 0.3580



11.5710, 0.3485, 0.4167



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.



26.0373, 0.3762, 0.5390



45.8332, 0.3753, 0.5402



22.8872, 0.3112, 0.5905



7.1446, 0.3224, 0.3512



21.8289, 0.3764, 0.5393



0.3431, 0.3968, 0.5232

Inverse Universe

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



2.7208, 0.1665, 0.0695



4.6653, 0.1644, 0.0679



5.8836, 0.2597, 0.1208



6.0977, 0.3025, 0.3063



2.2636, 0.1665, 0.0691



0.0491, 0.2074, 0.0916

Previews

White Background



This preview shows how the Yxy color 26.0361, 0.3762, 0.5390 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 26.0361, 0.3762, 0.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

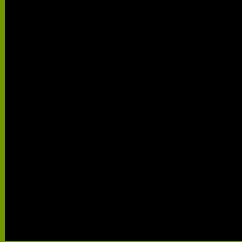
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0361, 0.3762, 0.5390

Background



This preview shows how black text looks on a background with the Yxy color 26.0361, 0.3762, 0.5390.



This preview shows how white text looks on a background with the Yxy color 26.0361, 0.3762, 0.5390.

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

26.0361, 0.3762, 0.5390

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.7003, 0.4625, 0.4547



Tritanopia

25.9389, 0.2879, 0.3089

Trichromacy



Original Color

26.0361, 0.3762, 0.5390

Protanomaly

25.6092, 0.4158, 0.5081

Deuteranomaly

25.2812, 0.4321, 0.4859

Tritanomaly

25.3436, 0.3349, 0.4141

Monochromacy



Original Color

26.0361, 0.3762, 0.5390

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.6078, 0.3542, 0.4328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0361, 0.3762, 0.5390 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(114, 152, 1)` looks like.

```
.text, #text, p{  
    color:rgb(114, 152, 1)  
}
```

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(114, 152, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 152, 1) }
```

Border

The CSS property to change the border of an element to Yxy 26.0361, 0.3762, 0.5390 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(114, 152, 1) }
```

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

```
.border{ border-color:rgb(114, 152, 1) }
```

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

Here you see how a box with a 4 pixel rgb(114, 152, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 152, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 152, 1);  
box-shadow:4px 4px 4px 4px rgb(114, 152,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0361, 0.3762, 0.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 152, 1) }
```

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

```
.background{ background-color: rgb(114,  
152, 1) }
```

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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