

Converting Colors

$Yxy(24.6655, 0.3697, 0.5098)$

Have a look what the booklet for
Yxy(24.6655, 0.3697, 0.5098)
contains.

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Color

Yxy(24.6655, 0.3697, 0.5098)

Conversions

Conversions Part 1

Format	Color
Hex	739328
RGB	115, 147, 40
RGB Percent	45%, 58%, 16%
CMY	0.5490, 0.4235, 0.8429
CMYK	0.22, 0.00, 0.73, 0.42
HSL	78°, 57%, 37%
HSV	78°, 73%, 58%
XYZ	17.8871, 24.6655, 5.8301
YIQ	125.2340, 15.2750, -40.0610

Conversions

Conversions Part 2

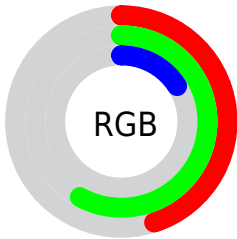
Format	Color
RYB	40, 147, 72
Decimal	7574312
CIELab	56.75, -27.04, 50.05
CIELCh	57, 56.883, 118.382
Yxy	24.6655, 0.3697, 0.5098
Android (android.graphics.Color)	4285764392 (0xFF739328)
YUV	125.2340, -42.0204, -8.9752
Hunter-Lab	49.6644, -22.6242, 27.8050

Details

The Yxy color **24.6655, 0.3697, 0.5098** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.0081, 0.2081, 0.1197**, and the grayscale version is **20.7339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1096, 0.3629, 0.4702**, and **9.3899, 0.3619, 0.5508** is the 20% darker color. If you saturate the color by 10%, you get **24.2936, 0.3710, 0.5265**, and if you desaturate by 10%, it is **25.0919, 0.3660, 0.4890**.

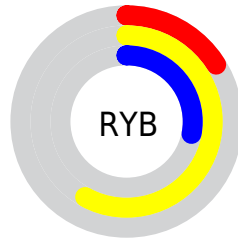
Distribution



Red (45%)

Green (58%)

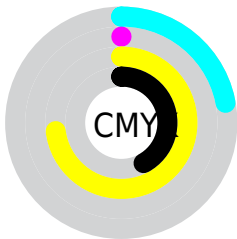
Blue (16%)



Red (16%)

Yellow (58%)

Blue (28%)

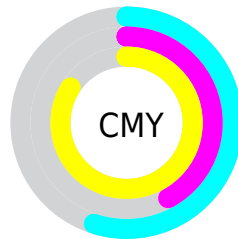


Cyan (22%)

Magenta (0%)

Yellow (73%)

Black (42%)



Cyan (55%)


Magenta (42%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6655, 0.3697, 0.5098 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 24.6655, 0.3697, 0.5098 by changing the saturation by 10% instead.


 24.6655, 0.3697,
0.5098


 24.6655, 0.3697,
0.5098


 276.1680, 0.3450,
0.4084


 15.8280, 0.3722,
0.5371


 51.1140, 0.3628,
0.4709


 9.4025, 0.3717,
0.5717


 69.4939, 0.3594,
0.4568


 5.0047, 0.3712,
0.6288

 91.8233, 0.3564,
0.4452

 2.2500, 0.3343,
0.6657

 118.4867, 0.3536,
0.4354

 0.7470, 0.0627,
0.9373

 149.8685, 0.3511,
0.4271

 0.0000, 0.0000,
0.0000

 186.3530, 0.3488,

0.4200

228.3247, 0.3468,
0.4138

■ 24.6655, 0.3697,
0.5098

■ 24.6655, 0.3697,
0.5098

■ 24.2936, 0.3710,
0.5265

■ 25.0919, 0.3660,
0.4890

■ 23.9681, 0.3699,
0.5387

■ 25.5737, 0.3603,
0.4652

■ 23.7525, 0.3683,
0.5458

■ 26.1153, 0.3528,
0.4393

■ 26.7202, 0.3442,
0.4126

■ 27.3912, 0.3348,
0.3859

■ 28.1311, 0.3251,
0.3600

■ 28.9424, 0.3154,
0.3355

■ 29.8277, 0.3059,
0.3126

■ 30.7892, 0.2968,
0.2914

Harmonies

Analogous

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



24.6655, 0.4504, 0.4666



24.6655, 0.3697, 0.5098



24.6655, 0.2793, 0.4862

Triad

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



24.6655, 0.3697, 0.5098



24.6655, 0.1530, 0.2172



24.6655, 0.4237, 0.2704

Complementary

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



24.6655, 0.3697, 0.5098



5.0081, 0.2081, 0.1197

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.



24.6655, 0.3230, 0.2209



24.6655, 0.3697, 0.5098



24.6655, 0.1773, 0.1895

Square

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



24.6655, 0.3697, 0.5098



24.6655, 0.1603, 0.2841



24.6655, 0.2343, 0.1923



24.6655, 0.4928, 0.3325

Rectangle

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



24.6655, 0.3697, 0.5098



24.6655, 0.2253, 0.4264



24.6655, 0.2343, 0.1923



24.6655, 0.3913, 0.2520

Sweetspot

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



24.6666, 0.3697, 0.5098



49.0892, 0.3345, 0.3851



10.7820, 0.5091, 0.3752



11.1366, 0.3368, 0.3916



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.6666, 0.3697, 0.5098



43.1426, 0.3706, 0.5344



22.0864, 0.3176, 0.5445



6.6584, 0.3216, 0.3512



20.6043, 0.3686, 0.5455



0.2675, 0.3934, 0.5258

Inverse Universe

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



5.0081, 0.2081, 0.1197



5.9443, 0.1847, 0.0868



7.9004, 0.2830, 0.1562



5.7121, 0.3033, 0.3065



2.3021, 0.1722, 0.0722



0.0421, 0.2177, 0.0973

Previews

White Background



This preview shows how the Yxy color 24.6655, 0.3697, 0.5098 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 24.6655, 0.3697, 0.5098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

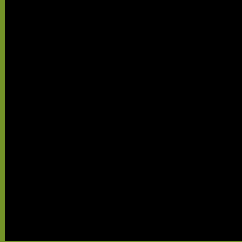
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6655, 0.3697, 0.5098

Background



This preview shows how black text looks on a background with the Yxy color 24.6655, 0.3697, 0.5098.



This preview shows how white text looks on a background with the Yxy color 24.6655, 0.3697, 0.5098.

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

24.6655, 0.3697, 0.5098

Protanopia

24.4173, 0.4264, 0.4713

Deuteranopia

24.4518, 0.4495, 0.4407



Tritanopia

24.5415, 0.2912, 0.3102

Trichromacy



Original Color

24.6655, 0.3697, 0.5098

Protanomaly

24.3851, 0.4057, 0.4855

Deuteranomaly

24.2742, 0.4197, 0.4666

Tritanomaly

24.3648, 0.3251, 0.3873

Monochromacy



Original Color

24.6655, 0.3697, 0.5098

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.6482, 0.3404, 0.4028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6655, 0.3697, 0.5098 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(115, 147, 40)` looks like.

```
.text, #text, p{  
    color:rgb(115, 147, 40)  
}
```

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(115, 147, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 147, 40) }
```

Border

The CSS property to change the border of an element to Yxy 24.6655, 0.3697, 0.5098 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(115, 147, 40) }
```

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

```
.border{ border-color:rgb(115, 147, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 147, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 147, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 147, 40);  
box-shadow:4px 4px 4px 4px rgb(115, 147,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6655, 0.3697, 0.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 147, 40) }
```

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

```
.background{ background-color: rgb(115,  
147, 40) }
```

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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