

Converting Colors

$Y_{xy}(26.8427, 0.3553, 0.4946)$

Have a look what the booklet for
Yxy(26.8427, 0.3553, 0.4946)
contains.

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Color

Yxy(26.7328, 0.3553, 0.4941)

Conversions

Conversions Part 1

Format	Color
Hex	73993A
RGB	115, 153, 58
RGB Percent	45%, 60%, 23%
CMY	0.5491, 0.4000, 0.7726
CMYK	0.25, 0.00, 0.62, 0.40
HSL	84°, 45%, 41%
HSV	84°, 62%, 60%
XYZ	19.2232, 26.7328, 8.1481
YIQ	130.8080, 7.8470, -37.6010

Conversions

Conversions Part 2

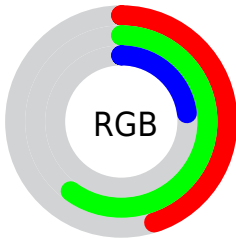
Format	Color
RYB	58, 153, 96
Decimal	7575866
CIELab	58.73, -28.60, 44.56
CIELCh	59, 52.948, 122.697
Yxy	26.7328, 0.3553, 0.4941
Android (android.graphics.Color)	4285765946 (0xFF73993A)
YUV	130.8080, -35.8943, -13.8636
Hunter-Lab	51.7038, -24.1163, 26.8490

Details

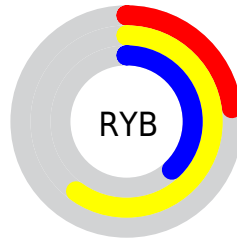
The Yxy color **26.7328, 0.3553, 0.4941** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.8129, 0.2374, 0.1535**, and the grayscale version is **22.7522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6509, 0.3498, 0.4587**, and **10.5595, 0.3572, 0.5546** is the 20% darker color. If you saturate the color by 10%, you get **26.1994, 0.3575, 0.5171**, and if you desaturate by 10%, it is **27.3424, 0.3511, 0.4682**.

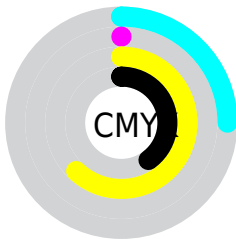
Distribution



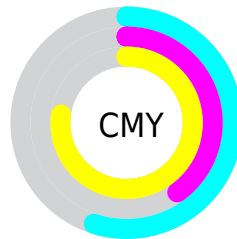
- Red (45%)
- Green (60%)
- Blue (23%)



- Red (23%)
- Yellow (60%)
- Blue (38%)



- Cyan (25%)
- Magenta (0%)
- Yellow (62%)
- Black (40%)





- Cyan (55%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7328, 0.3553, 0.4941 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 26.7328, 0.3553, 0.4941 by changing the saturation by 10% instead.


 26.7328, 0.3553,
0.4941

 26.7328, 0.3553,
0.4941


286.3611, 0.3370,
0.4012


 17.3726, 0.3573,
0.5200


 54.4548, 0.3501,
0.4581


 10.5005, 0.3573,
0.5540


 73.5854, 0.3477,
0.4452


 5.7321, 0.3563,
0.6069

 96.7417, 0.3454,
0.4346

 2.6829, 0.3347,
0.6653

 124.3080, 0.3434,
0.4257

 0.9685, 0.1851,
0.8149

 156.6686, 0.3415,
0.4181

 0.0000, 0.0000,
0.0000

 194.2081, 0.3399,

0.4117

237.3108, 0.3384,
0.4061

■ 26.7328, 0.3553,
0.4941

■ 26.7328, 0.3553,
0.4941

■ 26.1994, 0.3575,
0.5171

■ 27.3424, 0.3511,
0.4682

■ 25.7339, 0.3573,
0.5360

■ 28.0290, 0.3453,
0.4407

■ 25.3319, 0.3549,
0.5500

■ 28.7975, 0.3383,
0.4126

■ 25.0487, 0.3520,
0.5587

■ 29.6515, 0.3306,
0.3850

■ 30.5943, 0.3226,
0.3587

■ 31.6290, 0.3144,
0.3340

■ 32.7585, 0.3064,
0.3111

■ 33.9856, 0.2988,
0.2903

■ 35.3130, 0.2915,
0.2714

Harmonies

Analogous

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



26.7328, 0.4316, 0.4648



26.7328, 0.3553, 0.4941



26.7328, 0.2723, 0.4600

Triad

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



26.7328, 0.3553, 0.4941



26.7328, 0.1662, 0.2212



26.7328, 0.4253, 0.2836

Complementary

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



26.7328, 0.3553, 0.4941



7.8129, 0.2374, 0.1535

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.



26.7328, 0.3360, 0.2348



26.7328, 0.3553, 0.4941



26.7328, 0.1934, 0.1989

Square

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



26.7328, 0.3553, 0.4941



26.7328, 0.1691, 0.2782



26.7328, 0.2513, 0.2049



26.7328, 0.4810, 0.3431

Rectangle

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



26.7328, 0.3553, 0.4941



26.7328, 0.2243, 0.4025



26.7328, 0.2513, 0.2049



26.7328, 0.3973, 0.2657

Sweetspot

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



26.7340, 0.3553, 0.4941



53.5406, 0.3285, 0.3777



15.4437, 0.4572, 0.3904



11.7276, 0.3306, 0.3848



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.



26.7340, 0.3553, 0.4941



46.5350, 0.3577, 0.5259



24.3011, 0.3104, 0.5200



7.0995, 0.3202, 0.3514



20.7198, 0.3525, 0.5583



0.3308, 0.3822, 0.5347

Inverse Universe

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



7.8129, 0.2374, 0.1535



9.6548, 0.2160, 0.1173



11.2102, 0.3052, 0.1831



6.1409, 0.3047, 0.3064



2.7453, 0.1866, 0.0802



0.0613, 0.2353, 0.1070

Previews

White Background



This preview shows how the Yxy color 26.7328, 0.3553, 0.4941 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 26.7328, 0.3553, 0.4941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

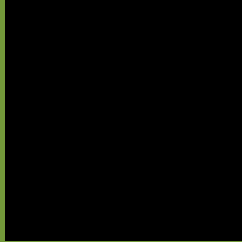
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7328, 0.3553, 0.4941

Background



This preview shows how black text looks on a background with the Yxy color 26.7328, 0.3553, 0.4941.



This preview shows how white text looks on a background with the Yxy color 26.7328, 0.3553, 0.4941.

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

26.7328, 0.3553, 0.4941

Protanopia

26.4937, 0.4153, 0.4562

Deuteranopia

26.4190, 0.4350, 0.4271



Tritanopia

26.5235, 0.2853, 0.3089

Trichromacy



Original Color

26.7328, 0.3553, 0.4941

Protanomaly

26.2871, 0.3932, 0.4699

Deuteranomaly

26.1699, 0.4052, 0.4507

Tritanomaly

26.4345, 0.3136, 0.3769

Monochromacy



Original Color

26.7328, 0.3553, 0.4941

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.8247, 0.3329, 0.3929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7328, 0.3553, 0.4941 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, 153, 58)` looks like.

```
.text, #text, p{  
    color:rgb(115, 153, 58)  
}
```

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, 153, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 153, 58) }
```

Border

The CSS property to change the border of an element to Yxy 26.7328, 0.3553, 0.4941 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, 153, 58) }
```

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

```
.border{ border-color:rgb(115, 153, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 153, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 153, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 153, 58); box-shadow:4px 4px 4px 4px rgb(115, 153, 58) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7328, 0.3553, 0.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 153, 58) }
```

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

```
.background{ background-color: rgb(115,  
153, 58) }
```

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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