

Converting Colors

$Y_{xy}(26.7719, 0.4017, 0.4789)$

Have a look what the booklet for
Yxy(26.7719, 0.4017, 0.4789)
contains.

Yxy(26.7827, 0.4018, 0.4789)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7827, 0.4018, 0.4789)

Conversions

Conversions Part 1

Format	Color
Hex	91922F
RGB	145, 146, 47
RGB Percent	57%, 57%, 18%
CMY	0.4313, 0.4275, 0.8158
CMYK	0.01, 0.00, 0.68, 0.43
HSL	61°, 51%, 38%
HSV	61°, 68%, 57%
XYZ	22.4708, 26.7827, 6.6719
YIQ	134.4150, 31.1830, -31.0010

Conversions

Conversions Part 2

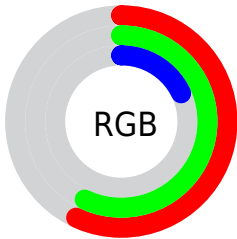
Format	Color
R_{YB}	47, 146, 48
Decimal	9540143
CIE _{Lab}	58.77, -13.13, 50.07
CIE _{LCh}	59, 51.762, 104.690
Yxy	26.7827, 0.4018, 0.4789
Android (android.graphics.Color)	4287730223 (0xFF91922F)
YUV	134.4150, -43.0956, 9.2830
Hunter-Lab	51.7520, -13.0609, 28.5827

Details

The Yxy color **26.7827, 0.4018, 0.4789** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.7340, 0.1861, 0.1187**, and the grayscale version is **24.1550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6269, 0.3868, 0.4496**, and **10.5899, 0.4108, 0.5120** is the 20% darker color. If you saturate the color by 10%, you get **26.6721, 0.4093, 0.4917**, and if you desaturate by 10%, it is **26.9352, 0.3920, 0.4623**.

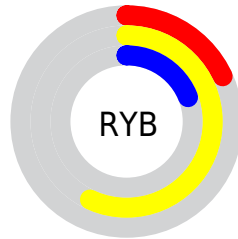
Distribution



Red (57%)

Green (57%)

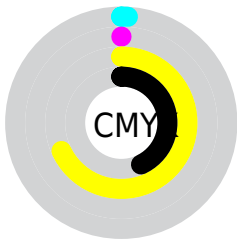
Blue (18%)



Red (18%)

Yellow (57%)

Blue (19%)

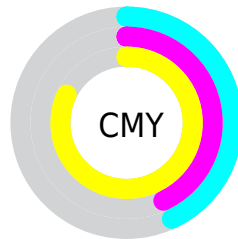


Cyan (1%)

Magenta (0%)

Yellow (68%)

Black (43%)



Cyan (43%)

Magenta (43%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7827, 0.4018, 0.4789 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 26.7827, 0.4018, 0.4789 by changing the saturation by 10% instead.


 26.7827, 0.4018,
0.4789


 26.7827, 0.4018,
0.4789


286.6035, 0.3584,
0.3988

 17.4101, 0.4102,
0.4987


 54.5350, 0.3873,
0.4494


 10.5273, 0.4184,
0.5226


 73.6834, 0.3814,
0.4384

 5.7500, 0.4348,
0.5652

 96.8593, 0.3762,
0.4291

 2.6936, 0.4193,
0.5807

 124.4469, 0.3717,
0.4212

 0.9740, 0.3822,
0.6178

 156.8308, 0.3678,
0.4144

 0.0000, 0.0000,
0.0000

 194.3952, 0.3643,

0.4085

237.5247, 0.3612,
0.4034

■ 26.7827, 0.4018,
0.4789

■ 26.7827, 0.4018,
0.4789

■ 26.6721, 0.4093,
0.4917

■ 26.9352, 0.3920,
0.4623

■ 26.5955, 0.4142,
0.5004

■ 27.1295, 0.3803,
0.4424

■ 26.5464, 0.4171,
0.5056

■ 27.3700, 0.3670,
0.4201

■ 26.5366, 0.4176,
0.5066

■ 27.6594, 0.3529,
0.3963

■ 28.0004, 0.3383,
0.3719

■ 28.3956, 0.3238,
0.3475

■ 28.8471, 0.3097,
0.3240

■ 29.3571, 0.2963,
0.3015

■ 29.9276, 0.2837,
0.2805

Harmonies

Analogous

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



26.7827, 0.4626, 0.4297



26.7827, 0.4018, 0.4789



26.7827, 0.3219, 0.4853

Triad

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



26.7827, 0.4018, 0.4789



26.7827, 0.1670, 0.2527



26.7827, 0.3719, 0.2540

Complementary

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



26.7827, 0.4018, 0.4789



4.7340, 0.1861, 0.1187

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.



26.7827, 0.2834, 0.2163



26.7827, 0.4018, 0.4789



26.7827, 0.1760, 0.2109

Square

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



26.7827, 0.4018, 0.4789



26.7827, 0.1891, 0.3301



26.7827, 0.2149, 0.2006



26.7827, 0.4504, 0.3072

Rectangle

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



26.7827, 0.4018, 0.4789



26.7827, 0.2683, 0.4520



26.7827, 0.2149, 0.2006



26.7827, 0.3416, 0.2393

Sweetspot

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



26.7839, 0.4018, 0.4789



49.2321, 0.3421, 0.3782



8.3473, 0.5285, 0.3296



10.9182, 0.3457, 0.3843



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.7839, 0.4018, 0.4789



46.9806, 0.4120, 0.4964



23.2761, 0.3459, 0.5139



6.7418, 0.3258, 0.3509



23.3532, 0.4176, 0.5066



0.2866, 0.4186, 0.5059

Inverse Universe

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



4.7340, 0.1861, 0.1187



5.3142, 0.1641, 0.0826



6.6200, 0.2430, 0.1452



5.6355, 0.2990, 0.3062



1.8351, 0.1504, 0.0602



0.0230, 0.1526, 0.0614

Previews

White Background



This preview shows how the Yxy color 26.7827, 0.4018, 0.4789 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 26.7827, 0.4018, 0.4789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

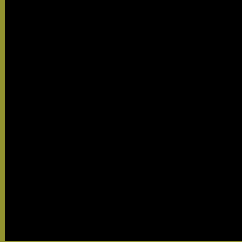
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7827, 0.4018, 0.4789

Background



This preview shows how black text looks on a background with the Yxy color 26.7827, 0.4018, 0.4789.



This preview shows how white text looks on a background with the Yxy color 26.7827, 0.4018, 0.4789.

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

26.7827, 0.4018, 0.4789

Protanopia

26.8124, 0.4216, 0.4658

Deuteranopia

26.5193, 0.4477, 0.4393



Tritanopia

26.5849, 0.3213, 0.3118

Trichromacy



Original Color

26.7827, 0.4018, 0.4789

Protanomaly

26.6145, 0.4147, 0.4706

Deuteranomaly

26.4066, 0.4314, 0.4524

Tritanomaly

26.4832, 0.3556, 0.3766

Monochromacy



Original Color

26.7827, 0.4018, 0.4789

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5395, 0.3506, 0.3917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7827, 0.4018, 0.4789 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(145, 146, 47)` looks like.

```
.text, #text, p{  
    color:rgb(145, 146, 47)  
}
```

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(145, 146, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 146, 47) }
```

Border

The CSS property to change the border of an element to Yxy 26.7827, 0.4018, 0.4789 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(145, 146, 47) }
```

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

```
.border{ border-color:rgb(145, 146, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 146, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 146, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 146, 47);  
box-shadow:4px 4px 4px 4px rgb(145, 146,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7827, 0.4018, 0.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 146, 47) }
```

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

```
.background{ background-color: rgb(145,  
146, 47) }
```

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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