

Converting Colors

$Y_{xy}(26.7842, 0.3294, 0.3291)$

Have a look what the booklet for
Yxy(26.7842, 0.3294, 0.3291)
contains.

Yxy(26.7842, 0.3294, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7842, 0.3294, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	998A8A
RGB	153, 138, 138
RGB Percent	60%, 54%, 54%
CMY	0.4001, 0.4588, 0.4589
CMYK	0.00, 0.10, 0.10, 0.40
HSL	0°, 7%, 57%
HSV	0°, 10%, 60%
XYZ	26.8086, 26.7842, 27.7934
YIQ	142.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

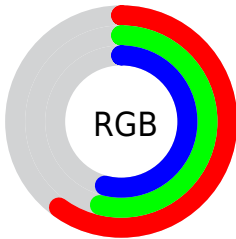
Format	Color
R_{YB}	153, 138, 138
Decimal	10062474
CIE _{Lab}	58.77, 5.60, 2.05
CIE _{LCh}	59, 5.967, 20.106
Yxy	26.7842, 0.3294, 0.3291
Android (android.graphics.Color)	4288252554 (0xFF998A8A)
YUV	142.4850, -2.2111, 9.2217
Hunter-Lab	51.7535, 1.8956, 4.3866

Details

The Yxy color $26.7842, 0.3294, 0.3291$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.4657, 0.2981, 0.3289$, and the grayscale version is $27.2580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2886, 0.3259, 0.3290$, and $10.5088, 0.3360, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $22.2962, 0.3505, 0.3292$, and if you desaturate by 10%, it is $31.9526, 0.3124, 0.3290$.

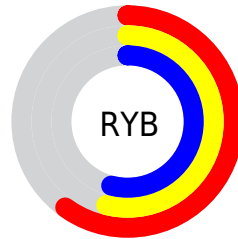
Distribution



Red (60%)

Green (54%)

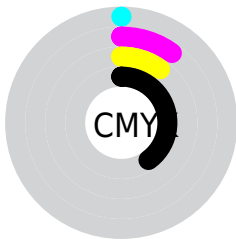
Blue (54%)



Red (60%)

Yellow (54%)

Blue (54%)

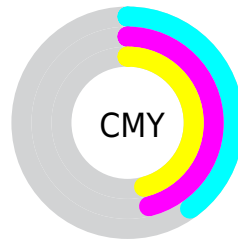


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (40%)



Cyan (40%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7842, 0.3294, 0.3291 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 26.7842, 0.3294, 0.3291 by changing the saturation by 10% instead.


 26.7842, 0.3294,
0.3291


 26.7842, 0.3294,
0.3291

286.6107, 0.3203,
0.3291


 17.4112, 0.3320,
0.3291


 54.5374, 0.3259,
0.3291

 10.5281, 0.3355,
0.3290


 73.6864, 0.3246,
0.3291

 5.7505, 0.3407,
0.3289

 96.8628, 0.3236,
0.3291

 2.6940, 0.3488,
0.3287

124.4511, 0.3227,
0.3291

 0.9741, 0.3637,
0.3282

156.8357, 0.3219,
0.3291

 0.0000, 1.0000,
0.0000

194.4009, 0.3213,

 0.0000, 0.0000,

0.3291

0.0000

237.5311, 0.3208,
0.3291

■ 26.7842, 0.3294,
0.3291

■ 26.7842, 0.3294,
0.3291

■ 22.2962, 0.3505,
0.3292

■ 31.9526, 0.3124,
0.3290

■ 18.4569, 0.3768,
0.3294

■ 37.8242, 0.2988,
0.3289

■ 15.2373, 0.4091,
0.3295

■ 44.4254, 0.2877,
0.3288

■ 12.6051, 0.4477,
0.3297

■ 51.7799, 0.2787,
0.3288

■ 10.5247, 0.4919,
0.3298

■ 59.9105, 0.2714,
0.3287

■ 8.9569, 0.5388,
0.3300

■ 68.8390, 0.2653,
0.3287

■ 7.8574, 0.5828,
0.3301

■ 78.5864, 0.2602,
0.3286

■ 7.1743, 0.6169,
0.3301

■ 85.5104, 0.2574,
0.3288

■ 6.7849, 0.6394,
0.3301

Harmonies

Analogous

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



26.7842, 0.3218, 0.3207



26.7842, 0.3294, 0.3291



26.7842, 0.3325, 0.3377

Triad

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



26.7842, 0.3294, 0.3291



26.7842, 0.3134, 0.3442



26.7842, 0.2955, 0.3139

Complementary

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



26.7842, 0.3294, 0.3291



30.4657, 0.2981, 0.3289

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.



26.7842, 0.2933, 0.3199



26.7842, 0.3294, 0.3291



26.7842, 0.3036, 0.3376

Square

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



26.7842, 0.3294, 0.3291



26.7842, 0.3232, 0.3466



26.7842, 0.2963, 0.3286



26.7842, 0.3022, 0.3119

Rectangle

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



26.7842, 0.3294, 0.3291



26.7842, 0.3315, 0.3423



26.7842, 0.2963, 0.3286



26.7842, 0.2942, 0.3155

Sweetspot

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



26.7854, 0.3294, 0.3291



54.0919, 0.3175, 0.3290



27.2406, 0.3138, 0.3057



11.7842, 0.3188, 0.3290



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.



26.7854, 0.3294, 0.3291



45.9181, 0.3341, 0.3291



29.0024, 0.3281, 0.3409



6.2248, 0.3283, 0.3291



5.6040, 0.6398, 0.3302



0.0843, 0.6387, 0.3311

Inverse Universe

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



30.4657, 0.2981, 0.3289



54.0128, 0.2945, 0.3289



28.0984, 0.2980, 0.3168



7.0242, 0.2989, 0.3289



20.6382, 0.2245, 0.3281



0.3092, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 26.7842, 0.3294, 0.3291 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 26.7842, 0.3294, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

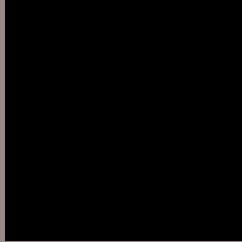
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7842, 0.3294, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 26.7842, 0.3294, 0.3291.



This preview shows how white text looks on a background with the Yxy color 26.7842, 0.3294, 0.3291.

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

26.7842, 0.3294, 0.3291

Protanopia

26.8725, 0.3170, 0.3306

Deuteranopia

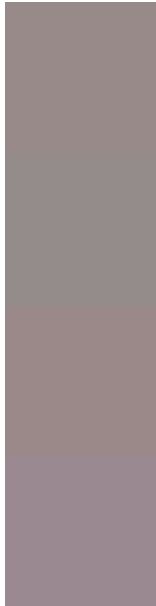
26.7942, 0.3330, 0.3275



Tritanopia

26.8679, 0.3212, 0.3133

Trichromacy



Original Color

26.7842, 0.3294, 0.3291

Protanomaly

26.8233, 0.3214, 0.3306

Deuteranomaly

26.6949, 0.3318, 0.3275

Tritanomaly

26.7750, 0.3243, 0.3180

Monochromacy



Original Color

26.7842, 0.3294, 0.3291

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0838, 0.3181, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7842, 0.3294, 0.3291 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(153, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 138)  
}
```

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(153, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 138) }
```

Border

The CSS property to change the border of an element to Yxy 26.7842, 0.3294, 0.3291 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(153, 138, 138) }
```

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

```
.border{ border-color:rgb(153, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7842, 0.3294, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 138) }
```

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

```
.background{ background-color: rgb(153,  
138, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor