

Converting Colors

$Y_{xy}(22.2527, 0.3667, 0.4286)$

Have a look what the booklet for
Yxy(22.2527, 0.3667, 0.4286)
contains.

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Color

Yxy(22.3605, 0.3667, 0.4283)

Conversions

Conversions Part 1

Format	Color
Hex	82864F
RGB	130, 134, 79
RGB Percent	51%, 53%, 31%
CMY	0.4901, 0.4745, 0.6902
CMYK	0.03, 0.00, 0.41, 0.47
HSL	64°, 26%, 42%
HSV	64°, 41%, 53%
XYZ	19.1445, 22.3605, 10.7026
YIQ	126.5340, 15.2710, -17.9530

Conversions

Conversions Part 2

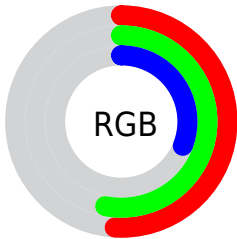
Format	Color
R_{YB}	79, 134, 83
Decimal	8554063
CIE _{Lab}	54.41, -10.39, 29.09
CIE _{LCh}	54, 30.890, 109.650
Yxy	22.3605, 0.3667, 0.4283
Android (android.graphics.Color)	4286744143 (0xFF82864F)
YUV	126.5340, -23.4343, 3.0397
Hunter-Lab	47.2869, -10.4848, 19.6816

Details

The Yxy color $22.3605, 0.3667, 0.4283$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $9.1498, 0.2447, 0.2100$, and the grayscale version is $21.1345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.3160, 0.3561, 0.4060$, and $8.2635, 0.3825, 0.4694$ is the 20% darker color. If you saturate the color by 10%, you get $22.1094, 0.3784, 0.4508$, and if you desaturate by 10%, it is $22.6537, 0.3540, 0.4043$.

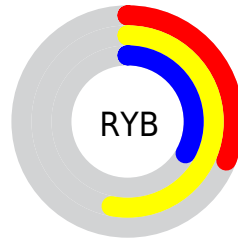
Distribution



Red (51%)

Green (53%)

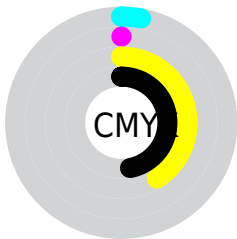
Blue (31%)



Red (31%)

Yellow (53%)

Blue (33%)

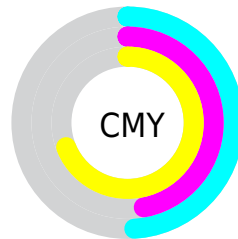


Cyan (3%)

Magenta (0%)

Yellow (41%)

Black (47%)



Cyan (49%)


Magenta (47%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3605, 0.3667, 0.4283 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 22.3605, 0.3667, 0.4283 by changing the saturation by 10% instead.


 22.3605, 0.3667,
0.4283


 22.3605, 0.3667,
0.4283


264.4232, 0.3379,
0.3720


 14.1220, 0.3741,
0.4447


 47.3411, 0.3559,
0.4061

 8.2056, 0.3832,
0.4670


 64.8520, 0.3520,
0.3983


 4.2268, 0.3941,
0.4987

 86.2226, 0.3486,
0.3919

 1.8012, 0.4259,
0.5741

 111.8371, 0.3458,
0.3866

 0.4879, 0.3011,
0.6989

 142.0800, 0.3434,
0.3821

 0.0000, 0.0000,
0.0000

177.3358, 0.3413,

0.3782

217.9887, 0.3395,
0.3749

■ 22.3605, 0.3667,
0.4283

■ 22.3605, 0.3667,
0.4283

■ 22.1094, 0.3784,
0.4508

■ 22.6537, 0.3540,
0.4043

■ 21.8950, 0.3884,
0.4708

■ 22.9881, 0.3407,
0.3797

■ 21.7156, 0.3965,
0.4876

■ 23.3667, 0.3272,
0.3552

■ 21.5683, 0.4022,
0.5005

■ 23.7916, 0.3141,
0.3314

■ 21.4495, 0.4055,
0.5093

■ 24.2643, 0.3014,
0.3088

■ 21.3579, 0.4071,
0.5150

■ 24.7867, 0.2894,
0.2876

■ 25.3603, 0.2783,
0.2680

■ 25.9866, 0.2679,
0.2500

■ 26.6671, 0.2585,
0.2336

Harmonies

Analogous

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



22.3605, 0.4076, 0.4061



22.3605, 0.3667, 0.4283



22.3605, 0.3134, 0.4201

Triad

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



22.3605, 0.3667, 0.4283



22.3605, 0.2135, 0.2757



22.3605, 0.3605, 0.2848

Complementary

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



22.3605, 0.3667, 0.4283



9.1498, 0.2447, 0.2100

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.



22.3605, 0.3042, 0.2558



22.3605, 0.3667, 0.4283



22.3605, 0.2233, 0.2483

Square

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



22.3605, 0.3667, 0.4283



22.3605, 0.2269, 0.3231



22.3605, 0.2549, 0.2424



22.3605, 0.4057, 0.3243

Rectangle

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



22.3605, 0.3667, 0.4283



22.3605, 0.2783, 0.3956



22.3605, 0.2549, 0.2424



22.3605, 0.3420, 0.2737

Sweetspot

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



22.3615, 0.3667, 0.4283



41.0861, 0.3289, 0.3582



11.7672, 0.4090, 0.3363



9.2400, 0.3303, 0.3607



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



22.3615, 0.3667, 0.4283



38.9962, 0.3773, 0.4487



20.4874, 0.3333, 0.4403



5.4064, 0.3247, 0.3505



20.0182, 0.4071, 0.5150



0.0706, 0.4136, 0.5098

Inverse Universe

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



9.1498, 0.2447, 0.2100



12.4938, 0.2268, 0.1795



10.6376, 0.2818, 0.2213



4.5595, 0.3002, 0.3067



1.6737, 0.1533, 0.0618



0.0068, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 22.3605, 0.3667, 0.4283 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 22.3605, 0.3667, 0.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

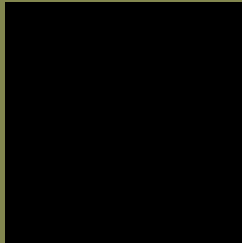
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3605, 0.3667, 0.4283

Background



This preview shows how black text looks on a background with the Yxy color 22.3605, 0.3667, 0.4283.



This preview shows how white text looks on a background with the Yxy color 22.3605, 0.3667, 0.4283.

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

22.3605, 0.3667, 0.4283

Protanopia

22.2661, 0.3856, 0.4185

Deuteranopia

22.1775, 0.4061, 0.3985



Tritanopia

22.3033, 0.3135, 0.3119

Trichromacy



Original Color

22.3605, 0.3667, 0.4283

Protanomaly

22.1859, 0.3797, 0.4218

Deuteranomaly

22.2206, 0.3913, 0.4101

Tritanomaly

22.2946, 0.3329, 0.3540

Monochromacy



Original Color

22.3605, 0.3667, 0.4283

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.6802, 0.3323, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3605, 0.3667, 0.4283 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(130, 134, 79)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 79)  
}
```

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(130, 134, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 79) }
```

Border

The CSS property to change the border of an element to Yxy 22.3605, 0.3667, 0.4283 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(130, 134, 79) }
```

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

```
.border{ border-color:rgb(130, 134, 79) }
```

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

Here you see how a box with a 4 pixel rgb(130, 134, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 79);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3605, 0.3667, 0.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 79) }
```

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

```
.background{ background-color: rgb(130,  
134, 79) }
```

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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