

Converting Colors

$Y_{xy}(21.6111, 0.2819, 0.3572)$

Have a look what the booklet for
Yxy(21.6111, 0.2819, 0.3572)
contains.

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Color

Yxy(21.6761, 0.2825, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	5E897A
RGB	94, 137, 122
RGB Percent	37%, 54%, 48%
CMY	0.6313, 0.4628, 0.5216
CMYK	0.31, 0.00, 0.11, 0.46
HSL	159°, 19%, 45%
HSV	159°, 31%, 54%
XYZ	17.0761, 21.6761, 21.6942
YIQ	122.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

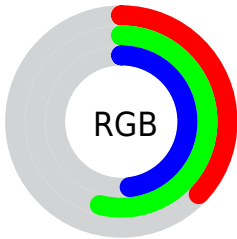
Format	Color
R _Y B	94, 120, 137
Decimal	6195578
CIE Lab	53.68, -18.22, 3.33
CIE LCh	54, 18.520, 169.649
Yxy	21.6761, 0.2825, 0.3586
Android (android.graphics.Color)	4284385658 (0xFF5E897A)
YUV	122.4330, -0.2135, -24.9357
Hunter-Lab	46.5576, -16.0066, 4.9632

Details

The Yxy color $21.6761, 0.2825, 0.3586$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $14.4330, 0.3568, 0.3015$, and the grayscale version is $19.6189, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.4286, 0.2898, 0.3529$, and $7.8553, 0.2702, 0.3729$ is the 20% darker color. If you saturate the color by 10%, you get $20.9000, 0.2743, 0.3698$, and if you desaturate by 10%, it is $22.5884, 0.2916, 0.3482$.

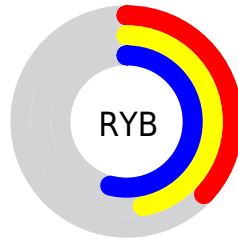
Distribution



Red (37%)

Green (54%)

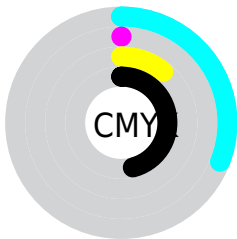
Blue (48%)



Red (37%)

Yellow (47%)

Blue (54%)

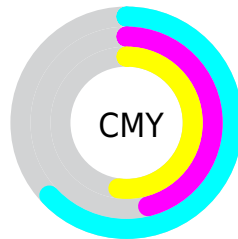


Cyan (31%)

Magenta (0%)

Yellow (11%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6761, 0.2825, 0.3586 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 21.6761, 0.2825, 0.3586 by changing the saturation by 10% instead.

■ 21.6761, 0.2825,
0.3586

■ 21.6761, 0.2825,
0.3586

260.8501, 0.2996,
0.3417

■ 13.6191, 0.2774,
0.3638

■ 46.2101, 0.2893,
0.3518

■ 7.8562, 0.2701,
0.3711

■ 63.4558, 0.2917,
0.3495

■ 4.0031, 0.2592,
0.3823

■ 84.5333, 0.2936,
0.3476

■ 1.6753, 0.2408,
0.4017

■ 109.8269, 0.2952,
0.3460

■ 0.4076, 0.0000,
0.6588

139.7209, 0.2966,
0.3447

■ 0.0000, 0.0000,
0.0000

174.5999, 0.2977,

0.3435

214.8482, 0.2988,
0.3425

■ 21.6761, 0.2825,
0.3586

■ 21.6761, 0.2825,
0.3586

■ 20.9000, 0.2743,
0.3698

■ 22.5884, 0.2916,
0.3482

■ 20.2505, 0.2674,
0.3817

■ 23.6406, 0.3012,
0.3387

■ 19.7210, 0.2618,
0.3942

■ 24.8396, 0.3113,
0.3301


■ 19.3032, 0.2580,
0.4071


■ 26.1910, 0.3216,
0.3224


■ 18.9877, 0.2560,
0.4202

■ 27.7000, 0.3318,
0.3155


 18.7634, 0.2559,
0.4332

 29.3717, 0.3419,
0.3094

 18.6150, 0.2568,
0.4444

 31.2110, 0.3518,
0.3040

 33.2225, 0.3613,
0.2993

 35.4106, 0.3705,
0.2952

Harmonies

Analogous

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



21.6761, 0.3144, 0.3821



21.6761, 0.2825, 0.3586



21.6761, 0.2595, 0.3266

Triad

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



21.6761, 0.2825, 0.3586



21.6761, 0.2772, 0.2743



21.6761, 0.3794, 0.3549

Complementary

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



21.6761, 0.2825, 0.3586



14.4330, 0.3568, 0.3015

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.



21.6761, 0.3687, 0.3274



21.6761, 0.2825, 0.3586



21.6761, 0.3082, 0.2825

Square

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



21.6761, 0.2825, 0.3586



21.6761, 0.2566, 0.2791



21.6761, 0.3420, 0.3016



21.6761, 0.3711, 0.3778

Rectangle

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



21.6761, 0.2825, 0.3586



21.6761, 0.2516, 0.3064



21.6761, 0.3420, 0.3016



21.6761, 0.3779, 0.3460

Sweetspot

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



21.6770, 0.2825, 0.3586



42.7801, 0.3034, 0.3368



21.9550, 0.3251, 0.4130



9.5363, 0.3021, 0.3379



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



21.6770, 0.2825, 0.3586



37.7587, 0.2763, 0.3669



20.2998, 0.2679, 0.3164



5.6594, 0.3034, 0.3367



17.3425, 0.2567, 0.4441



0.1180, 0.2405, 0.3859

Inverse Universe

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



14.4330, 0.3568, 0.3015



22.5523, 0.3717, 0.2946



15.3320, 0.3770, 0.3412



5.0756, 0.3230, 0.3214



5.1537, 0.5512, 0.2810



0.0368, 0.4467, 0.2234

Previews

White Background



This preview shows how the Yxy color 21.6761, 0.2825, 0.3586 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 21.6761, 0.2825, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

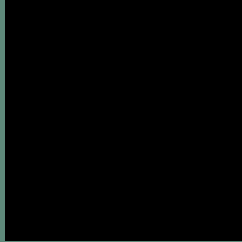
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6761, 0.2825, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 21.6761, 0.2825, 0.3586.



This preview shows how white text looks on a background with the Yxy color 21.6761, 0.2825, 0.3586.

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

21.6761, 0.2825, 0.3586

Protanopia

21.4496, 0.3312, 0.3470

Deuteranopia

21.5587, 0.3324, 0.3273



Tritanopia

21.7165, 0.2672, 0.3102

Trichromacy



Original Color

21.6761, 0.2825, 0.3586

Protanomaly

21.4864, 0.3117, 0.3515

Deuteranomaly

21.4408, 0.3123, 0.3382

Tritanomaly

21.6469, 0.2725, 0.3270

Monochromacy



Original Color

21.6761, 0.2825, 0.3586

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.0286, 0.3006, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6761, 0.2825, 0.3586 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(94, 137, 122)` looks like.

```
.text, #text, p{  
  color:rgb(94, 137, 122)  
}
```

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(94, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 137, 122) }
```

Border

The CSS property to change the border of an element to Yxy 21.6761, 0.2825, 0.3586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

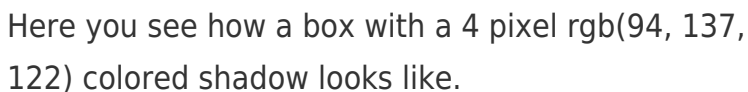
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 137, 122) }
```

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

```
.border{ border-color:rgb(94, 137, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 137, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 137, 122); box-shadow:4px 4px 4px 4px rgb(94, 137, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6761, 0.2825, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 137, 122) }
```

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

```
.background{ background-color: rgb(94, 137,  
122) }
```

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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