

Converting Colors

$Y_{xy}(26.0239, 0.2704, 0.3540)$

Have a look what the booklet for
Yxy(26.0239, 0.2704, 0.3540)
contains.

Yxy(25.8941, 0.2704, 0.3530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(25.8941, 0.2704, 0.3530)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9689
RGB	92, 150, 137
RGB Percent	36%, 59%, 54%
CMY	0.6393, 0.4117, 0.4627
CMYK	0.39, 0.00, 0.09, 0.41
HSL	167°, 24%, 47%
HSV	167°, 39%, 59%
XYZ	19.8350, 25.8941, 27.6253
YIQ	131.1760, -30.3950, -16.3390

Conversions

Conversions Part 2

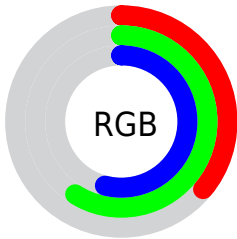
Format	Color
R_{YB}	92, 125, 150
Decimal	6067849
CIE _{Lab}	57.94, -22.12, 0.86
CIE _{LCh}	58, 22.133, 177.764
Yxy	25.8941, 0.2704, 0.3530
Android (android.graphics.Color)	4284257929 (0xFF5C9689)
YUV	131.1760, 2.8712, -34.3574
Hunter-Lab	50.8862, -19.4731, 3.4329

Details

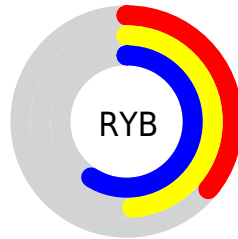
The Yxy color **25.8941, 0.2704, 0.3530** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.1557, 0.3837, 0.3068**, and the grayscale version is **22.7605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9232, 0.2797, 0.3478**, and **10.0832, 0.2556, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **25.1028, 0.2619, 0.3604**, and if you desaturate by 10%, it is **26.8434, 0.2802, 0.3461**.

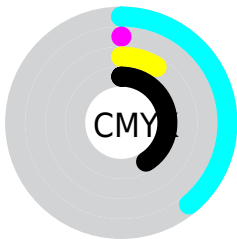
Distribution



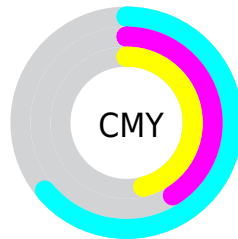
- Red (36%)
- Green (59%)
- Blue (54%)



- Red (36%)
- Yellow (49%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)





- Cyan (64%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8941, 0.2704, 0.3530 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 25.8941, 0.2704, 0.3530 by changing the saturation by 10% instead.


 25.8941, 0.2704,
0.3530


 25.8941, 0.2704,
0.3530


282.2618, 0.2936,
0.3398


 16.7444, 0.2638,
0.3568


 53.1041, 0.2794,
0.3479


 10.0524, 0.2549,
0.3619


 71.9331, 0.2826,
0.3461

 5.4337, 0.2419,
0.3694

 94.7575, 0.2852,
0.3446

 2.5039, 0.2216,
0.3813

 121.9615, 0.2874,
0.3433

 0.8786, 0.1426,
0.4244

153.9295, 0.2893,
0.3422

 0.0000, 0.0000,
0.0000

191.0460, 0.2909,

0.3413

233.6953, 0.2923,
0.3405

■ 25.8941, 0.2704,
0.3530

■ 25.8941, 0.2704,
0.3530

■ 25.1028, 0.2619,
0.3604

■ 26.8434, 0.2802,
0.3461

■ 24.4574, 0.2550,
0.3680

■ 27.9560, 0.2909,
0.3396

■ 23.9487, 0.2497,
0.3760


■ 29.2406, 0.3024,
0.3337


■ 23.5655, 0.2463,
0.3840


■ 30.7046, 0.3143,
0.3283

■ 23.2945, 0.2448,
0.3921


■ 32.3548, 0.3265,
0.3235


 23.1080, 0.2448,
0.4002

 34.1975, 0.3387,
0.3191

 23.0848, 0.2448,
0.4012

 36.2391, 0.3508,
0.3153

 38.4854, 0.3627,
0.3120

 40.9420, 0.3742,
0.3090

Harmonies

Analogous

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



25.8941, 0.3041, 0.3837



25.8941, 0.2704, 0.3530



25.8941, 0.2486, 0.3164

Triad

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



25.8941, 0.2704, 0.3530



25.8941, 0.2813, 0.2690



25.8941, 0.3874, 0.3655

Complementary

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



25.8941, 0.2704, 0.3530



15.1557, 0.3837, 0.3068

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.



25.8941, 0.3812, 0.3353



25.8941, 0.2704, 0.3530



25.8941, 0.3179, 0.2818

Square

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



25.8941, 0.2704, 0.3530



25.8941, 0.2546, 0.2701



25.8941, 0.3551, 0.3055



25.8941, 0.3724, 0.3887

Rectangle

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



25.8941, 0.2704, 0.3530



25.8941, 0.2430, 0.2951



25.8941, 0.3551, 0.3055



25.8941, 0.3878, 0.3558

Sweetspot

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



25.8951, 0.2704, 0.3530



50.7579, 0.2982, 0.3358



25.6215, 0.3205, 0.4385



11.1908, 0.2969, 0.3364



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.8951, 0.2704, 0.3530



44.5267, 0.2633, 0.3590



21.6745, 0.2563, 0.3000



6.5402, 0.3018, 0.3340



19.1499, 0.2446, 0.4006



0.2388, 0.2341, 0.3628

Inverse Universe

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



15.1557, 0.3837, 0.3068



22.9460, 0.4069, 0.3023



17.8680, 0.3946, 0.3559



5.8354, 0.3249, 0.3241



5.4757, 0.5954, 0.3054



0.0708, 0.4956, 0.2504

Previews

White Background



This preview shows how the Yxy color 25.8941, 0.2704, 0.3530 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 25.8941, 0.2704, 0.3530 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 25.8941, 0.2704, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 25.8941, 0.2704, 0.3530.



This preview shows how white text looks on a background with the Yxy color 25.8941, 0.2704, 0.3530.

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

25.8941, 0.2704, 0.3530

Protanopia

25.6283, 0.3266, 0.3424

Deuteranopia

25.5230, 0.3256, 0.3194



Tritanopia

25.9120, 0.2568, 0.3078

Trichromacy



Original Color

25.8941, 0.2704, 0.3530

Protanomaly

25.3245, 0.3025, 0.3448

Deuteranomaly

25.3661, 0.3030, 0.3307

Tritanomaly

25.8471, 0.2615, 0.3235

Monochromacy



Original Color

25.8941, 0.2704, 0.3530

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6523, 0.2952, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8941, 0.2704, 0.3530 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(92, 150, 137)` looks like.

```
.text, #text, p{  
  color:rgb(92, 150, 137)  
}
```

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(92, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.8941, 0.2704, 0.3530 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(92, 150, 137) }
```

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

```
.border{ border-color:rgb(92, 150, 137) }
```

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

Here you see how a box with a 4 pixel rgb(92, 150, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 137);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8941, 0.2704, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 137) }
```

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

```
.background{ background-color: rgb(92, 150,  
137) }
```

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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