

Converting Colors

$Y_{xy}(26.1646, 0.2651, 0.3447)$

Have a look what the booklet for
Yxy(26.1646, 0.2651, 0.3447)
contains.

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Color

$Y_{xy}(26.2599, 0.2653, 0.3454)$

Conversions

Conversions Part 1

Format	Color
Hex	5A978E
RGB	90, 151, 142
RGB Percent	35%, 59%, 56%
CMY	0.6468, 0.4079, 0.4431
CMYK	0.40, 0.00, 0.06, 0.41
HSL	171°, 25%, 47%
HSV	171°, 40%, 59%
XYZ	20.1701, 26.2599, 29.5975
YIQ	131.7350, -33.4670, -15.7310

Conversions

Conversions Part 2

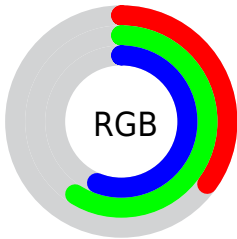
Format	Color
R_{YB}	90, 123, 151
Decimal	5937038
CIE _{Lab}	58.28, -21.95, -1.48
CIE _{LCh}	58, 21.999, 183.866
Y _{xy}	26.2599, 0.2653, 0.3454
Android (android.graphics.Color)	4284127118 (0xFF5A978E)
Y _{UV}	131.7350, 5.0606, -36.6016
Hunter-Lab	51.2444, -19.4191, 1.6267

Details

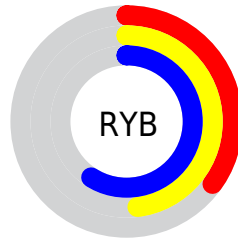
The Yxy color **26.2599, 0.2653, 0.3454** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8036, 0.3959, 0.3138**, and the grayscale version is **22.9700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4878, 0.2749, 0.3409**, and **10.2991, 0.2486, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **25.5122, 0.2564, 0.3502**, and if you desaturate by 10%, it is **27.1648, 0.2756, 0.3409**.

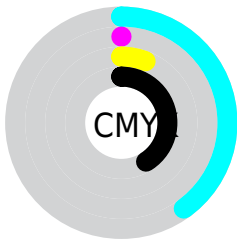
Distribution



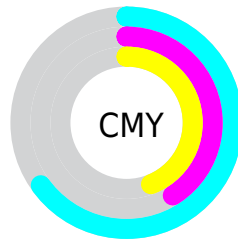
- Red (35%)
- Green (59%)
- Blue (56%)



- Red (35%)
- Yellow (48%)
- Blue (59%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)





- Cyan (65%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2599, 0.2653, 0.3454 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 26.2599, 0.2653, 0.3454 by changing the saturation by 10% instead.


 26.2599, 0.2653,
0.3454


 26.2599, 0.2653,
0.3454


284.0556, 0.2911,
0.3366

 17.0182, 0.2581,
0.3478

 53.6939, 0.2752,
0.3421

 10.2475, 0.2483,
0.3510


 72.6550, 0.2788,
0.3408

 5.5633, 0.2343,
0.3556

 95.6247, 0.2817,
0.3398

 2.5814, 0.2126,
0.3624

 122.9874, 0.2842,
0.3390

 0.9173, 0.1421,
0.3884

155.1274, 0.2863,
0.3383

 0.0000, 0.0000,
0.0000

192.4292, 0.2881,

0.3376

235.2771, 0.2897,
0.3371

■ 26.2599, 0.2653,
0.3454

■ 26.2599, 0.2653,
0.3454

■ 25.5122, 0.2564,
0.3502

■ 27.1648, 0.2756,
0.3409

■ 24.9094, 0.2491,
0.3551

■ 28.2325, 0.2870,
0.3366

■ 24.4419, 0.2436,
0.3602


■ 29.4719, 0.2993,
0.3327

■ 24.0980, 0.2400,
0.3653

■ 30.8904, 0.3123,
0.3291


■ 23.8640, 0.2381,
0.3704

■ 32.4952, 0.3255,
0.3259

 23.7084, 0.2376,
0.3753

 34.2927, 0.3390,
0.3230

 36.2893, 0.3523,
0.3204

 38.4909, 0.3655,
0.3181

 40.9034, 0.3783,
0.3162

Harmonies

Analogous

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



26.2599, 0.2969, 0.3781



26.2599, 0.2653, 0.3454



26.2599, 0.2468, 0.3097

Triad

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



26.2599, 0.2653, 0.3454



26.2599, 0.2885, 0.2711



26.2599, 0.3852, 0.3706

Complementary

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



26.2599, 0.2653, 0.3454



14.8036, 0.3959, 0.3138

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.



26.2599, 0.3834, 0.3416



26.2599, 0.2653, 0.3454



26.2599, 0.3257, 0.2863

Square

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



26.2599, 0.2653, 0.3454



26.2599, 0.2595, 0.2693



26.2599, 0.3611, 0.3114



26.2599, 0.3666, 0.3911

Rectangle

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



26.2599, 0.2653, 0.3454



26.2599, 0.2435, 0.2901



26.2599, 0.3611, 0.3114



26.2599, 0.3871, 0.3615

Sweetspot

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



26.2609, 0.2653, 0.3454



52.3426, 0.2970, 0.3334



25.5344, 0.3157, 0.4458



11.8357, 0.2955, 0.3339



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.



26.2609, 0.2653, 0.3454



45.8645, 0.2576, 0.3495



20.2880, 0.2525, 0.2886



7.0109, 0.3008, 0.3323



20.1746, 0.2375, 0.3750



0.3054, 0.2312, 0.3523

Inverse Universe

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



14.8036, 0.3959, 0.3138



22.5667, 0.4239, 0.3109



18.7719, 0.3961, 0.3656



6.2368, 0.3261, 0.3257



5.6502, 0.6158, 0.3166



0.0878, 0.5356, 0.2724

Previews

White Background



This preview shows how the Yxy color 26.2599, 0.2653, 0.3454 looks on a white background.

Color Contrast Check

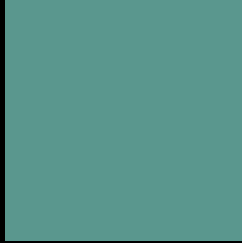
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2599, 0.2653, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

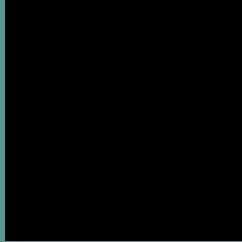
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2599, 0.2653, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 26.2599, 0.2653, 0.3454.



This preview shows how white text looks on a background with the Yxy color 26.2599, 0.2653, 0.3454.

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

26.2599, 0.2653, 0.3454

Protanopia

26.0541, 0.3212, 0.3356

Deuteranopia

25.8563, 0.3190, 0.3130



Tritanopia

26.1508, 0.2548, 0.3078

Trichromacy



Original Color

26.2599, 0.2653, 0.3454

Protanomaly

25.7650, 0.2978, 0.3376

Deuteranomaly

25.6526, 0.2962, 0.3238

Tritanomaly

26.1220, 0.2587, 0.3217

Monochromacy



Original Color

26.2599, 0.2653, 0.3454

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0247, 0.2924, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2599, 0.2653, 0.3454 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(90, 151, 142)` looks like.

```
.text, #text, p{  
  color:rgb(90, 151, 142)  
}
```

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(90, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 151, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.2599, 0.2653, 0.3454 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(90, 151, 142) }
```

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

```
.border{ border-color:rgb(90, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(90, 151,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2599, 0.2653, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 151, 142) }
```

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

```
.background{ background-color: rgb(90, 151,  
142) }
```

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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