

Converting Colors

$Yxy(19.0401, 0.2749, 0.3458)$

Have a look what the booklet for
Yxy(19.0401, 0.2749, 0.3458)
contains.

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Color

$Y_{xy}(19.0594, 0.2744, 0.3455)$

Conversions

Conversions Part 1

Format	Color
Hex	568179
RGB	86, 129, 121
RGB Percent	34%, 51%, 47%
CMY	0.6628, 0.4941, 0.5255
CMYK	0.33, 0.00, 0.06, 0.49
HSL	169°, 20%, 42%
HSV	169°, 33%, 51%
XYZ	15.1372, 19.0594, 20.9681
YIQ	115.2310, -23.0600, -11.6040

Conversions

Conversions Part 2

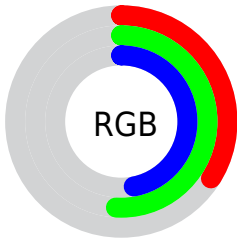
Format	Color
R_{YB}	86, 110, 129
Decimal	5669241
CIE Lab	50.76, -16.72, -0.40
CIE LCh	51, 16.726, 181.361
Yxy	19.0594, 0.2744, 0.3455
Android (android.graphics.Color)	4283859321 (0xFF568179)
YUV	115.2310, 2.8441, -25.6356
Hunter-Lab	43.6571, -14.5087, 2.0835

Details

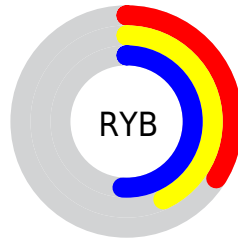
The Yxy color **19.0594, 0.2744, 0.3455** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.1276, 0.3721, 0.3134**, and the grayscale version is **17.2134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7914, 0.2831, 0.3421**, and **6.6117, 0.2575, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **18.4441, 0.2649, 0.3513**, and if you desaturate by 10%, it is **19.7883, 0.2850, 0.3401**.

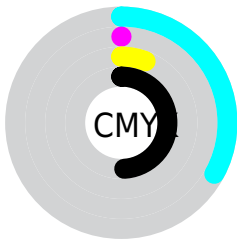
Distribution



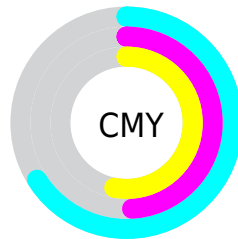
- Red (34%)
- Green (51%)
- Blue (47%)



- Red (34%)
- Yellow (43%)
- Blue (51%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (49%)



- Cyan (66%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0594, 0.2744, 0.3455 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 19.0594, 0.2744, 0.3455 by changing the saturation by 10% instead.

■ 19.0594, 0.2744,
0.3455

■ 19.0594, 0.2744,
0.3455

■ 246.7765, 0.2963,
0.3361

■ 11.7132, 0.2677,
0.3483

■ 41.8344, 0.2832,
0.3418

■ 6.5487, 0.2583,
0.3524

■ 58.0321, 0.2862,
0.3404

■ 3.1815, 0.2438,
0.3585

■ 77.9490, 0.2887,
0.3394

■ 1.2272, 0.2178,
0.3694

■ 101.9696, 0.2907,
0.3385

■ 0.0838, 0.0000,
0.4131

■ 130.4782, 0.2925,
0.3378

■ 0.0000, 0.0000,
0.0000

163.8593, 0.2939,

0.3371

202.4973, 0.2952,
0.3366

■ 19.0594, 0.2744,
0.3455

■ 19.0594, 0.2744,
0.3455

■ 18.4441, 0.2649,
0.3513

■ 19.7883, 0.2850,
0.3401

■ 17.9340, 0.2568,
0.3574

■ 20.6339, 0.2965,
0.3351

■ 17.5234, 0.2503,
0.3636


■ 21.6022, 0.3086,
0.3305

■ 17.2052, 0.2455,
0.3701


■ 22.6980, 0.3210,
0.3263


■ 16.9709, 0.2425,
0.3766

■ 23.9258, 0.3337,
0.3225


 16.8105, 0.2413,
0.3831

 25.2902, 0.3463,
0.3192

 16.7221, 0.2410,
0.3874

 26.7950, 0.3587,
0.3162

 28.4445, 0.3709,
0.3137

 30.2423, 0.3826,
0.3114

Harmonies

Analogous

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



19.0594, 0.3021, 0.3719



19.0594, 0.2744, 0.3455



19.0594, 0.2573, 0.3154

Triad

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



19.0594, 0.2744, 0.3455



19.0594, 0.2898, 0.2789



19.0594, 0.3746, 0.3629

Complementary

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



19.0594, 0.2744, 0.3455



12.1276, 0.3721, 0.3134

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.



19.0594, 0.3714, 0.3379



19.0594, 0.2744, 0.3455



19.0594, 0.3212, 0.2910

Square

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



19.0594, 0.2744, 0.3455



19.0594, 0.2658, 0.2785



19.0594, 0.3515, 0.3122



19.0594, 0.3604, 0.3807

Rectangle

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



19.0594, 0.2744, 0.3455



19.0594, 0.2536, 0.2982



19.0594, 0.3515, 0.3122



19.0594, 0.3756, 0.3551

Sweetspot

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



19.0602, 0.2744, 0.3455



37.4632, 0.3002, 0.3336



18.7846, 0.3180, 0.4205



8.4352, 0.2988, 0.3341



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.0602, 0.2744, 0.3455



33.2740, 0.2671, 0.3499



16.0760, 0.2639, 0.3018



4.8736, 0.3016, 0.3330



16.3028, 0.2409, 0.3874



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.1276, 0.3721, 0.3134



18.8652, 0.3920, 0.3098



14.2414, 0.3780, 0.3545



4.3563, 0.3251, 0.3250



4.6154, 0.6044, 0.3103



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0594, 0.2744, 0.3455 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 19.0594, 0.2744, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

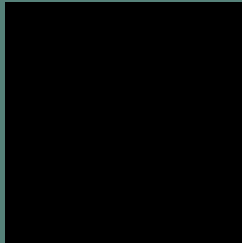
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0594, 0.2744, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 19.0594, 0.2744, 0.3455.

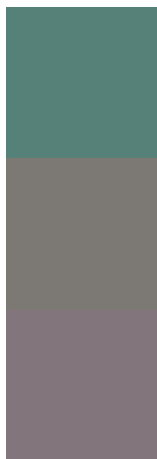


This preview shows how white text looks on a background with the Yxy color 19.0594, 0.2744, 0.3455.

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

19.0594, 0.2744, 0.3455

Protanopia

18.9790, 0.3224, 0.3366

Deuteranopia

19.0031, 0.3222, 0.3163



Tritanopia

19.1585, 0.2633, 0.3091

Trichromacy



Original Color

19.0594, 0.2744, 0.3455

Protanomaly

18.7889, 0.3027, 0.3388

Deuteranomaly

18.7496, 0.3032, 0.3251

Tritanomaly

19.2009, 0.2679, 0.3228

Monochromacy



Original Color

19.0594, 0.2744, 0.3455

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.6604, 0.2966, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0594, 0.2744, 0.3455 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(86, 129, 121)` looks like.

```
.text, #text, p{  
  color:rgb(86, 129, 121)  
}
```

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(86, 129, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 129, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.0594, 0.2744, 0.3455 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(86, 129, 121) }
```

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

```
.border{ border-color:rgb(86, 129, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 129, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 129, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 129, 121);  
box-shadow:4px 4px 4px 4px rgb(86, 129,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0594, 0.2744, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 129, 121) }
```

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

```
.background{ background-color: rgb(86, 129,  
121) }
```

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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