

Converting Colors

$Yxy(29.3624, 0.2949, 0.3654)$

Have a look what the booklet for
Yxy(29.3624, 0.2949, 0.3654)
contains.

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Color

$Y_{xy}(29.3778, 0.2950, 0.3652)$

Conversions

Conversions Part 1

Format	Color
Hex	769C87
RGB	118, 156, 135
RGB Percent	46%, 61%, 53%
CMY	0.5373, 0.3882, 0.4707
CMYK	0.24, 0.00, 0.13, 0.39
HSL	147°, 16%, 54%
HSV	147°, 24%, 61%
XYZ	23.7307, 29.3778, 27.3345
YIQ	142.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

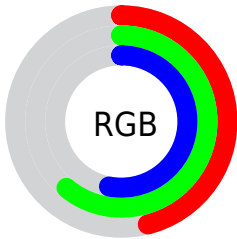
Format	Color
R_{YB}	118, 144, 156
Decimal	7773319
CIE _{Lab}	61.11, -17.54, 6.79
CIE _{LCh}	61, 18.810, 158.850
Yxy	29.3778, 0.2950, 0.3652
Android (android.graphics.Color)	4285963399 (0xFF769C87)
YUV	142.2440, -3.5713, -21.2620
Hunter-Lab	54.2013, -16.7004, 8.0400

Details

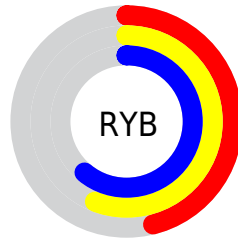
The Yxy color $29.3778, 0.2950, 0.3652$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.8877, 0.3354, 0.2954$, and the grayscale version is $27.1704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.8773, 0.2991, 0.3581$, and $12.0242, 0.2894, 0.3805$ is the 20% darker color. If you saturate the color by 10%, you get $28.1425, 0.2884, 0.3828$, and if you desaturate by 10%, it is $30.8159, 0.3021, 0.3492$.

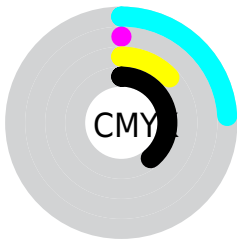
Distribution



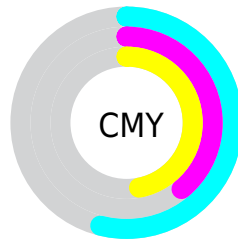
- Red (46%)
- Green (61%)
- Blue (53%)



- Red (46%)
- Yellow (56%)
- Blue (61%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)




- Cyan (54%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3778, 0.2950, 0.3652 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 29.3778, 0.2950, 0.3652 by changing the saturation by 10% instead.


 29.3778, 0.2950,
0.3652


 29.3778, 0.2950,
0.3652


298.9934, 0.3048,
0.3453


 19.3668, 0.2922,
0.3709


 58.6768, 0.2988,
0.3574

 11.9356, 0.2884,
0.3788


 78.7336, 0.3001,
0.3547

 6.6999, 0.2828,
0.3902


 102.9078, 0.3012,
0.3524

 3.2751, 0.2740,
0.4084

131.5838, 0.3022,
0.3505

 1.2770, 0.2571,
0.4429

165.1459, 0.3030,
0.3489

 0.1233, 0.0000,
1.0000

203.9786, 0.3036,

 0.0000, 0.0000,

0.3475

0.0000

248.4663, 0.3042,
0.3463

■ 29.3778, 0.2950,
0.3652

■ 29.3778, 0.2950,
0.3652

■ 28.1425, 0.2884,
0.3828

■ 30.8159, 0.3021,
0.3492

■ 27.0970, 0.2826,
0.4018

■ 32.4618, 0.3095,
0.3348

■ 26.2324, 0.2778,
0.4221

■ 34.3249, 0.3169,
0.3220

■ 25.5376, 0.2745,
0.4431

■ 36.4131, 0.3243,
0.3106

■ 25.0002, 0.2729,
0.4644

■ 38.7335, 0.3314,
0.3006

■ 24.6062, 0.2731,
0.4853

■ 41.2933, 0.3383,
0.2919

■ 24.3385, 0.2751,
0.5052

■ 44.0992, 0.3449,
0.2842

■ 24.2182, 0.2766,
0.5159

■ 47.1576, 0.3512,
0.2775

■ 49.8248, 0.3541,
0.2711

Harmonies

Analogous

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



29.3778, 0.3255, 0.3817



29.3778, 0.2950, 0.3652



29.3778, 0.2701, 0.3377

Triad

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



29.3778, 0.2950, 0.3652



29.3778, 0.2719, 0.2787



29.3778, 0.3723, 0.3442

Complementary

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



29.3778, 0.2950, 0.3652



21.8877, 0.3354, 0.2954

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.



29.3778, 0.3566, 0.3186



29.3778, 0.2950, 0.3652



29.3778, 0.2977, 0.2821

Square

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



29.3778, 0.2950, 0.3652



29.3778, 0.2573, 0.2880



29.3778, 0.3288, 0.2964



29.3778, 0.3710, 0.3674

Rectangle

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



29.3778, 0.2950, 0.3652



29.3778, 0.2596, 0.3181



29.3778, 0.3288, 0.2964



29.3778, 0.3688, 0.3356

Sweetspot

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



29.3790, 0.2950, 0.3652



58.0871, 0.3074, 0.3386



30.6221, 0.3311, 0.3916



12.7462, 0.3070, 0.3394



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.3790, 0.2950, 0.3652



52.1420, 0.2915, 0.3742



29.9458, 0.2798, 0.3331



7.4479, 0.3059, 0.3416



19.9531, 0.2763, 0.5146



0.3652, 0.2551, 0.4382

Inverse Universe

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



21.8877, 0.3354, 0.2954



36.2359, 0.3416, 0.2879



21.3920, 0.3587, 0.3250



6.7045, 0.3202, 0.3167



6.3859, 0.4697, 0.2361



0.1226, 0.3976, 0.1964

Previews

White Background



This preview shows how the Yxy color 29.3778, 0.2950, 0.3652 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 29.3778, 0.2950, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

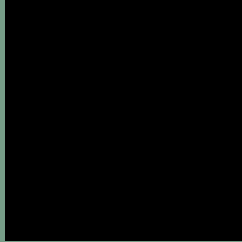
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3778, 0.2950, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 29.3778, 0.2950, 0.3652.



This preview shows how white text looks on a background with the Yxy color 29.3778, 0.2950, 0.3652.

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

29.3778, 0.2950, 0.3652

Protanopia

29.3492, 0.3370, 0.3559

Deuteranopia

29.1803, 0.3420, 0.3352



Tritanopia

29.4219, 0.2760, 0.3094

Trichromacy



Original Color

29.3778, 0.2950, 0.3652

Protanomaly

29.1414, 0.3206, 0.3585

Deuteranomaly

28.9695, 0.3235, 0.3450

Tritanomaly

29.2199, 0.2833, 0.3289

Monochromacy



Original Color

29.3778, 0.2950, 0.3652

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.7181, 0.3059, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3778, 0.2950, 0.3652 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(118, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(118, 156, 135)  
}
```

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(118, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 156, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.3778, 0.2950, 0.3652 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(118, 156, 135) }
```

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

```
.border{ border-color:rgb(118, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(118, 156,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3778, 0.2950, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 156, 135) }
```

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

```
.background{ background-color: rgb(118,  
156, 135) }
```

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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