

Converting Colors

$Yxy(29.5597, 0.2930, 0.3669)$

Have a look what the booklet for
Yxy(29.5597, 0.2930, 0.3669)
contains.

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Color

Yxy(29.5762, 0.2932, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	749D87
RGB	116, 157, 135
RGB Percent	45%, 62%, 53%
CMY	0.5452, 0.3843, 0.4706
CMYK	0.26, 0.00, 0.14, 0.38
HSL	148°, 17%, 54%
HSV	148°, 26%, 62%
XYZ	23.6287, 29.5762, 27.3842
YIQ	142.2330, -17.3740, -15.5340

Conversions

Conversions Part 2

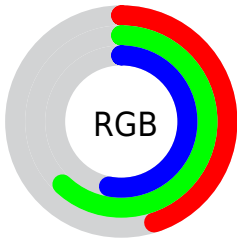
Format	Color
R_{YB}	116, 144, 157
Decimal	7642503
CIE _{Lab}	61.29, -18.74, 7.01
CIE _{LCh}	61, 20.009, 159.494
Yxy	29.5762, 0.2932, 0.3670
Android (android.graphics.Color)	4285832583 (0xFF749D87)
YUV	142.2330, -3.5659, -23.0063
Hunter-Lab	54.3840, -17.6175, 8.2143

Details

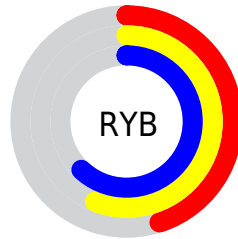
The Yxy color $29.5762, 0.2932, 0.3670$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.4858, 0.3384, 0.2939$, and the grayscale version is $27.1645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1528, 0.2977, 0.3595$, and $12.1222, 0.2859, 0.3834$ is the 20% darker color. If you saturate the color by 10%, you get $28.3634, 0.2865, 0.3843$, and if you desaturate by 10%, it is $30.9921, 0.3004, 0.3512$.

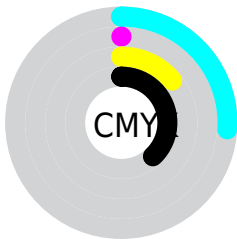
Distribution



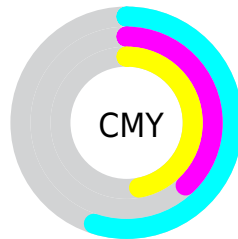
- Red (45%)
- Green (62%)
- Blue (53%)



- Red (45%)
- Yellow (56%)
- Blue (62%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (38%)



- Cyan (55%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5762, 0.2932, 0.3670 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 29.5762, 0.2932, 0.3670 by changing the saturation by 10% instead.


 29.5762, 0.2932,
0.3670


 29.5762, 0.2932,
0.3670


299.9240, 0.3039,
0.3461

 19.5171, 0.2901,
0.3730


 58.9913, 0.2974,
0.3589

 12.0445, 0.2859,
0.3812


 79.1162, 0.2988,
0.3560

 6.7740, 0.2798,
0.3932


 103.3650, 0.3001,
0.3536

 3.3212, 0.2702,
0.4123

132.1224, 0.3011,
0.3516

 1.3016, 0.2516,
0.4485

165.7725, 0.3020,
0.3499

 0.1425, 0.0000,
1.0000

204.6999, 0.3027,

 0.0000, 0.0000,

0.3484

0.0000

249.2890, 0.3034,
0.3472

■ 29.5762, 0.2932,
0.3670

■ 29.5762, 0.2932,
0.3670

■ 28.3634, 0.2865,
0.3843

■ 30.9921, 0.3004,
0.3512

■ 27.3403, 0.2807,
0.4030

■ 32.6163, 0.3080,
0.3370

■ 26.4979, 0.2761,
0.4227

■ 34.4584, 0.3157,
0.3243

■ 25.8248, 0.2729,
0.4432

■ 36.5263, 0.3233,
0.3130

■ 25.3081, 0.2715,
0.4639

■ 38.8274, 0.3308,
0.3031

■ 24.9331, 0.2719,
0.4842

■ 41.3690, 0.3380,
0.2944

■ 24.6794, 0.2742,
0.5034

■ 44.1579, 0.3449,
0.2867

■ 24.5962, 0.2752,
0.5106

■ 47.2006, 0.3515,
0.2801

■ 50.0697, 0.3557,
0.2739

Harmonies

Analogous

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



29.5762, 0.3255, 0.3849



29.5762, 0.2932, 0.3670



29.5762, 0.2671, 0.3375

Triad

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



29.5762, 0.2932, 0.3670



29.5762, 0.2699, 0.2757



29.5762, 0.3762, 0.3455

Complementary

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



29.5762, 0.2932, 0.3670



21.4858, 0.3384, 0.2939

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.



29.5762, 0.3598, 0.3185



29.5762, 0.2932, 0.3670



29.5762, 0.2974, 0.2796

Square

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



29.5762, 0.2932, 0.3670



29.5762, 0.2542, 0.2851



29.5762, 0.3304, 0.2950



29.5762, 0.3743, 0.3700

Rectangle

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



29.5762, 0.2932, 0.3670



29.5762, 0.2562, 0.3167



29.5762, 0.3304, 0.2950



29.5762, 0.3726, 0.3364

Sweetspot

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



29.5774, 0.2932, 0.3670



57.7879, 0.3065, 0.3397



30.8272, 0.3317, 0.3967



12.6221, 0.3054, 0.3417



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.



29.5774, 0.2932, 0.3670



51.7330, 0.2895, 0.3763



30.1934, 0.2770, 0.3323



7.4497, 0.3056, 0.3412



19.9809, 0.2748, 0.5092



0.3657, 0.2539, 0.4340

Inverse Universe

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



21.4858, 0.3384, 0.2939



34.8987, 0.3453, 0.2863



20.9600, 0.3640, 0.3258



6.7026, 0.3205, 0.3171



6.3517, 0.4766, 0.2399



0.1221, 0.4014, 0.1985

Previews

White Background



This preview shows how the Yxy color 29.5762, 0.2932, 0.3670 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 29.5762, 0.2932, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

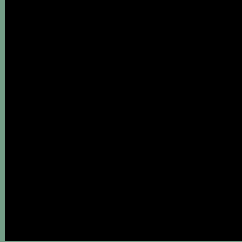
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

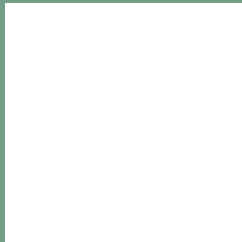
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5762, 0.2932, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 29.5762, 0.2932, 0.3670.



This preview shows how white text looks on a background with the Yxy color 29.5762, 0.2932, 0.3670.

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

29.5762, 0.2932, 0.3670

Protanopia

29.3492, 0.3370, 0.3559

Deuteranopia

29.1803, 0.3420, 0.3352



Tritanopia

29.6367, 0.2736, 0.3094

Trichromacy



Original Color

29.5762, 0.2932, 0.3670

Protanomaly

29.3746, 0.3194, 0.3602

Deuteranomaly

28.8766, 0.3225, 0.3451

Tritanomaly

29.4374, 0.2808, 0.3289

Monochromacy



Original Color

29.5762, 0.2932, 0.3670

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 29.5762, 0.2932, 0.3670 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(116, 157, 135)` looks like.

```
.text, #text, p{  
    color:rgb(116, 157, 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(116, 157, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 157, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.5762, 0.2932, 0.3670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

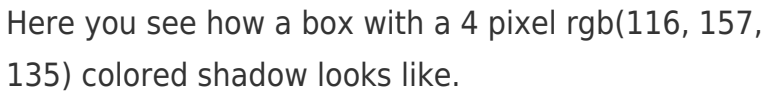
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 157, 135) }
```

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

```
.border{ border-color:rgb(116, 157, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 157, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 157, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 157, 135); box-shadow:4px 4px 4px 4px rgb(116, 157, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5762, 0.2932, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 157, 135) }
```

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

```
.background{ background-color: rgb(116,  
157, 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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