

Converting Colors

$Y_{xy}(29.5586, 0.2818, 0.3428)$

Have a look what the booklet for
Yxy(29.5586, 0.2818, 0.3428)
contains.

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Color

Yxy(29.5599, 0.2816, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	739C94
RGB	115, 156, 148
RGB Percent	45%, 61%, 58%
CMY	0.5490, 0.3882, 0.4196
CMYK	0.26, 0.00, 0.05, 0.39
HSL	168°, 17%, 53%
HSV	168°, 26%, 61%
XYZ	24.3038, 29.5599, 32.4425
YIQ	142.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

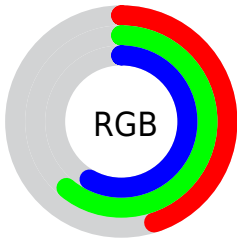
Format	Color
RYB	115, 138, 156
Decimal	7576724
CIELab	61.27, -15.71, -0.35
CIELCh	61, 15.718, 181.288
Yxy	29.5599, 0.2816, 0.3425
Android (android.graphics.Color)	4285766804 (0xFF739C94)
YUV	142.8290, 2.5493, -24.4060
Hunter-Lab	54.3690, -15.3533, 2.6794

Details

The Yxy color $29.5599, 0.2816, 0.3425$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.7595, 0.3565, 0.3160$, and the grayscale version is $27.3931, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1776, 0.2881, 0.3402$, and $12.0900, 0.2712, 0.3491$ is the 20% darker color. If you saturate the color by 10%, you get $28.4964, 0.2713, 0.3484$, and if you desaturate by 10%, it is $30.8074, 0.2929, 0.3370$.

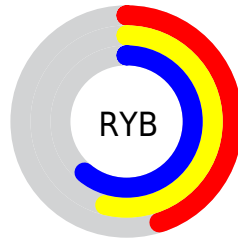
Distribution



Red (45%)

Green (61%)

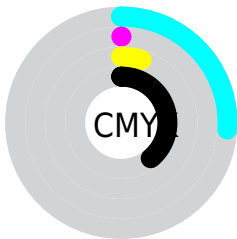
Blue (58%)



Red (45%)

Yellow (54%)

Blue (61%)

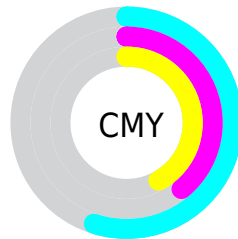


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5599, 0.2816, 0.3425 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 29.5599, 0.2816, 0.3425 by changing the saturation by 10% instead.

■ 29.5599, 0.2816,
0.3425

■ 29.5599, 0.2816,
0.3425

■ 299.8476, 0.2983,
0.3353

■ 19.5048, 0.2770,
0.3445

■ 58.9655, 0.2880,
0.3398

■ 12.0356, 0.2708,
0.3471

■ 79.0847, 0.2903,
0.3388

■ 6.7679, 0.2621,
0.3509

■ 103.3275, 0.2922,
0.3379

■ 3.3174, 0.2488,
0.3565

■ 132.0782, 0.2938,
0.3372

■ 1.2996, 0.2261,
0.3662

■ 165.7211, 0.2952,
0.3366

■ 0.1409, 0.0000,
0.4417

■ 204.6407, 0.2963,

■ 0.0000, 0.0000,

0.3361

0.0000

249.2214, 0.2974,
0.3357

■ 29.5599, 0.2816,
0.3425

■ 29.5599, 0.2816,
0.3425

■ 28.4964, 0.2713,
0.3484

■ 30.8074, 0.2929,
0.3370

■ 27.6041, 0.2622,
0.3547

■ 32.2435, 0.3049,
0.3319

■ 26.8745, 0.2546,
0.3613

■ 33.8775, 0.3174,
0.3274

■ 26.2968, 0.2487,
0.3681

■ 35.7166, 0.3301,
0.3232

■ 25.8589, 0.2447,
0.3751

■ 37.7680, 0.3428,
0.3196

■ 25.5467, 0.2425,
0.3820

■ 40.0382, 0.3553,
0.3163

■ 25.3400, 0.2421,
0.3890

■ 42.5338, 0.3676,
0.3135

■ 25.2733, 0.2421,
0.3915

■ 45.2608, 0.3796,
0.3110

■ 48.1489, 0.3907,
0.3088

Harmonies

Analogous

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



29.5599, 0.3043, 0.3635



29.5599, 0.2816, 0.3425



29.5599, 0.2674, 0.3183

Triad

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



29.5599, 0.2816, 0.3425



29.5599, 0.2942, 0.2878



29.5599, 0.3629, 0.3570

Complementary

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



29.5599, 0.2816, 0.3425



20.7595, 0.3565, 0.3160

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.



29.5599, 0.3602, 0.3366



29.5599, 0.2816, 0.3425



29.5599, 0.3197, 0.2978

Square

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



29.5599, 0.2816, 0.3425



29.5599, 0.2744, 0.2878



29.5599, 0.3441, 0.3153



29.5599, 0.3516, 0.3711

Rectangle

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



29.5599, 0.2816, 0.3425



29.5599, 0.2643, 0.3042



29.5599, 0.3441, 0.3153



29.5599, 0.3636, 0.3506

Sweetspot

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



29.5611, 0.2816, 0.3425



58.0449, 0.3026, 0.3329



29.2416, 0.3173, 0.4002



12.6881, 0.3009, 0.3336



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.



29.5611, 0.2816, 0.3425



52.4238, 0.2749, 0.3462



25.9016, 0.2733, 0.3078



7.4873, 0.3013, 0.3334



20.8213, 0.2420, 0.3910



0.3775, 0.2343, 0.3634

Inverse Universe

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



20.7595, 0.3565, 0.3160



33.4709, 0.3711, 0.3127



23.5625, 0.3621, 0.3492



6.6663, 0.3255, 0.3247



5.9050, 0.6044, 0.3103



0.1106, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 29.5599, 0.2816, 0.3425 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 29.5599, 0.2816, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

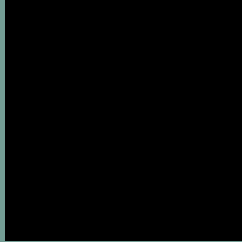
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5599, 0.2816, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 29.5599, 0.2816, 0.3425.

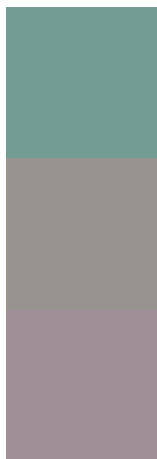


This preview shows how white text looks on a background with the Yxy color 29.5599, 0.2816, 0.3425.

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

29.5599, 0.2816, 0.3425

Protanopia

29.4299, 0.3208, 0.3353

Deuteranopia

29.3529, 0.3229, 0.3169



Tritanopia

29.4576, 0.2703, 0.3077

Trichromacy



Original Color

29.5599, 0.2816, 0.3425

Protanomaly

29.2603, 0.3053, 0.3371

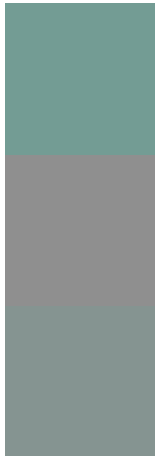
Deuteranomaly

29.3111, 0.3067, 0.3258

Tritanomaly

29.4660, 0.2751, 0.3206

Monochromacy



Original Color

29.5599, 0.2816, 0.3425

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2107, 0.3003, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5599, 0.2816, 0.3425 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(115, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(115, 156, 148)  
}
```

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(115, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 156, 148) }
```

Border

The CSS property to change the border of an element to Yxy 29.5599, 0.2816, 0.3425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

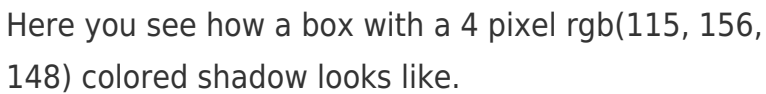
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 156, 148) }
```

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

```
.border{ border-color:rgb(115, 156, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 156, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 156, 148); box-shadow:4px 4px 4px 4px rgb(115, 156, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5599, 0.2816, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 156, 148) }
```

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

```
.background{ background-color: rgb(115,  
156, 148) }
```

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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