

Converting Colors

$Y_{xy}(28.5014, 0.2735, 0.3419)$

Have a look what the booklet for
Yxy(28.5014, 0.2735, 0.3419)
contains.

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Color

Yxy(28.5525, 0.2739, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	699B93
RGB	105, 155, 147
RGB Percent	41%, 61%, 58%
CMY	0.5885, 0.3921, 0.4236
CMYK	0.32, 0.00, 0.05, 0.39
HSL	170°, 20%, 51%
HSV	170°, 32%, 61%
XYZ	22.8070, 28.5525, 31.9082
YIQ	139.1380, -27.2320, -13.0880

Conversions

Conversions Part 2

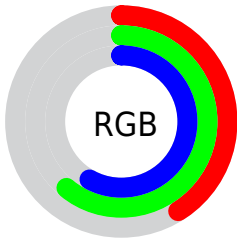
Format	Color
RYB	105, 132, 155
Decimal	6921107
CIELab	60.38, -18.54, -1.15
CIElCh	60, 18.576, 183.540
Yxy	28.5525, 0.2739, 0.3429
Android (android.graphics.Color)	4285111187 (0xFF699B93)
YUV	139.1380, 3.8760, -29.9390
Hunter-Lab	53.4345, -17.3227, 1.9994

Details

The Yxy color **28.5525, 0.2739, 0.3429** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2517, 0.3728, 0.3158**, and the grayscale version is **25.8625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5793, 0.2820, 0.3404**, and **11.5759, 0.2604, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **27.6225, 0.2640, 0.3479**, and if you desaturate by 10%, it is **29.6575, 0.2850, 0.3382**.

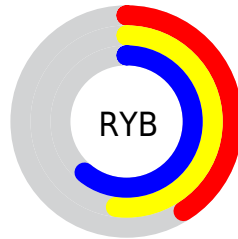
Distribution



Red (41%)

Green (61%)

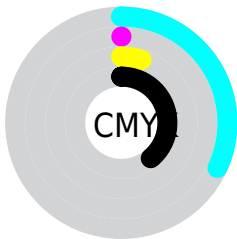
Blue (58%)



Red (41%)

Yellow (52%)

Blue (61%)

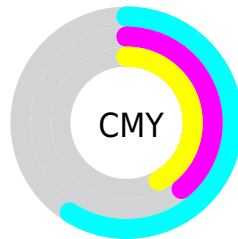


Cyan (32%)

Magenta (0%)

Yellow (5%)

Black (39%)



Cyan (59%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5525, 0.2739, 0.3429 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 28.5525, 0.2739, 0.3429 by changing the saturation by 10% instead.


 28.5525, 0.2739,
0.3429


 28.5525, 0.2739,
0.3429


295.0976, 0.2948,
0.3355


 18.7426, 0.2681,
0.3449


 57.3653, 0.2819,
0.3401


 11.4844, 0.2604,
0.3476


 77.1370, 0.2848,
0.3391

 6.3936, 0.2494,
0.3513


 100.9981, 0.2871,
0.3382

 3.0859, 0.2326,
0.3570

 129.3329, 0.2891,
0.3375

 1.1767, 0.2002,
0.3680

162.5258, 0.2909,
0.3369

 0.0426, 0.0000,
0.2518

200.9614, 0.2924,

 0.0000, 0.0000,

0.3364

0.0000

245.0238, 0.2936,
0.3359

■ 28.5525, 0.2739,
0.3429

■ 28.5525, 0.2739,
0.3429

■ 27.6225, 0.2640,
0.3479

■ 29.6575, 0.2850,
0.3382

■ 26.8548, 0.2555,
0.3532

■ 30.9428, 0.2970,
0.3339

■ 26.2403, 0.2486,
0.3586

■ 32.4175, 0.3097,
0.3299

■ 25.7677, 0.2436,
0.3642

■ 34.0891, 0.3228,
0.3263

■ 25.4240, 0.2404,
0.3698

■ 35.9648, 0.3360,
0.3230

■ 25.1939, 0.2391,
0.3754

■ 38.0513, 0.3493,
0.3202

■ 25.0643, 0.2388,
0.3797

■ 40.3552, 0.3623,
0.3176

■ 42.8826, 0.3750,
0.3154

■ 45.6395, 0.3873,
0.3135

Harmonies

Analogous

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



28.5525, 0.3002, 0.3690



28.5525, 0.2739, 0.3429



28.5525, 0.2582, 0.3138

Triad

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



28.5525, 0.2739, 0.3429



28.5525, 0.2926, 0.2807



28.5525, 0.3723, 0.3636

Complementary

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



28.5525, 0.2739, 0.3429



18.2517, 0.3728, 0.3158

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.



28.5525, 0.3705, 0.3396



28.5525, 0.2739, 0.3429



28.5525, 0.3232, 0.2933

Square

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



28.5525, 0.2739, 0.3429



28.5525, 0.2685, 0.2796



28.5525, 0.3522, 0.3144



28.5525, 0.3575, 0.3800

Rectangle

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



28.5525, 0.2739, 0.3429



28.5525, 0.2553, 0.2975



28.5525, 0.3522, 0.3144



28.5525, 0.3737, 0.3561

Sweetspot

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



28.5537, 0.2739, 0.3429



55.9315, 0.2997, 0.3330



27.9961, 0.3164, 0.4194



12.5852, 0.2980, 0.3335



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.



28.5537, 0.2739, 0.3429



49.8538, 0.2664, 0.3466



23.6362, 0.2642, 0.2992



7.0095, 0.3009, 0.3326



20.1319, 0.2387, 0.3792



0.3050, 0.2318, 0.3544

Inverse Universe

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



18.2517, 0.3728, 0.3158



28.3800, 0.3932, 0.3127



21.8170, 0.3758, 0.3568



6.2380, 0.3259, 0.3255



5.6570, 0.6129, 0.3150



0.0882, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 28.5525, 0.2739, 0.3429 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 28.5525, 0.2739, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

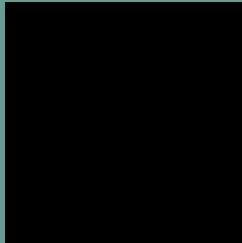
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5525, 0.2739, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 28.5525, 0.2739, 0.3429.

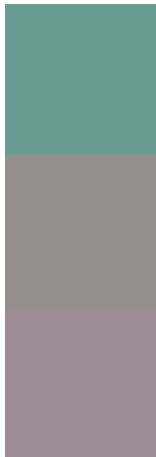


This preview shows how white text looks on a background with the Yxy color 28.5525, 0.2739, 0.3429.

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

28.5525, 0.2739, 0.3429

Protanopia

28.2592, 0.3210, 0.3338

Deuteranopia

28.4199, 0.3209, 0.3152



Tritanopia

28.4243, 0.2628, 0.3071

Trichromacy



Original Color

28.5525, 0.2739, 0.3429

Protanomaly

28.1495, 0.3022, 0.3373

Deuteranomaly

28.1310, 0.3017, 0.3241

Tritanomaly

28.4392, 0.2675, 0.3204

Monochromacy



Original Color

28.5525, 0.2739, 0.3429

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.7158, 0.2971, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5525, 0.2739, 0.3429 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(105, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(105, 155, 147)  
}
```

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(105, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 155, 147) }
```

Border

The CSS property to change the border of an element to Yxy 28.5525, 0.2739, 0.3429 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(105, 155, 147) }
```

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

```
.border{ border-color:rgb(105, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(105, 155,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5525, 0.2739, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 155, 147) }
```

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

```
.background{ background-color: rgb(105,  
155, 147) }
```

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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