

Converting Colors

$Y_{xy}(29.9865, 0.2613, 0.3370)$

Have a look what the booklet for
Yxy(29.9865, 0.2613, 0.3370)
contains.

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Color

$\text{Yxy}(29.9411, 0.2616, 0.3375)$

Conversions

Conversions Part 1

Format	Color
Hex	5FA09B
RGB	95, 160, 155
RGB Percent	37%, 63%, 61%
CMY	0.6274, 0.3725, 0.3922
CMYK	0.41, 0.00, 0.03, 0.37
HSL	175°, 25%, 50%
HSV	175°, 41%, 63%
XYZ	23.2077, 29.9411, 35.5656
YIQ	139.9950, -37.1350, -15.3350

Conversions

Conversions Part 2

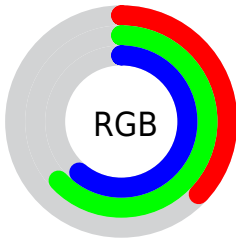
Format	Color
R _Y B	95, 129, 160
Decimal	6267035
CIE Lab	61.60, -21.98, -3.94
CIE LCh	62, 22.335, 190.158
Yxy	29.9411, 0.2616, 0.3375
Android (android.graphics.Color)	4284457115 (0xFF5FA09B)
YUV	139.9950, 7.3975, -39.4606
Hunter-Lab	54.7185, -20.0503, -0.2341

Details

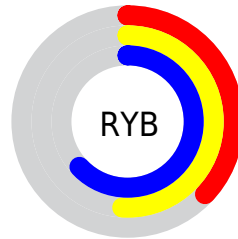
The Yxy color $29.9411, 0.2616, 0.3375$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.5820, 0.4046, 0.3211$, and the grayscale version is $26.2071, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5939, 0.2722, 0.3365$, and $12.1960, 0.2440, 0.3392$ is the 20% darker color. If you saturate the color by 10%, you get $29.1303, 0.2522, 0.3399$, and if you desaturate by 10%, it is $30.9307, 0.2725, 0.3352$.

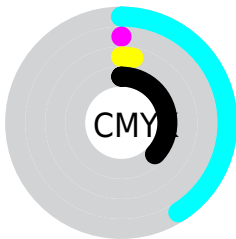
Distribution



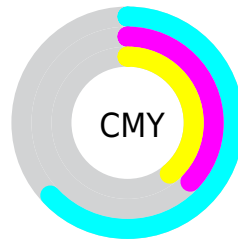
- Red (37%)
- Green (63%)
- Blue (61%)



- Red (37%)
- Yellow (51%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)





- Cyan (63%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9411, 0.2616, 0.3375 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 29.9411, 0.2616, 0.3375 by changing the saturation by 10% instead.

 29.9411, 0.2616,
0.3375


 29.9411, 0.2616,
0.3375


301.6298, 0.2887,
0.3333


 19.7939, 0.2543,
0.3385

 59.5690, 0.2719,
0.3360


 12.2453, 0.2445,
0.3398


 79.8185, 0.2756,
0.3354

 6.9110, 0.2309,
0.3413


 104.2042, 0.2787,
0.3349

 3.4065, 0.2107,
0.3432

 133.1105, 0.2813,
0.3345

 1.3474, 0.1757,
0.3460

166.9219, 0.2836,
0.3342

 0.1775, 0.0000,
0.2747

206.0226, 0.2855,

 0.0000, 0.0000,

0.3338

0.0000

250.7971, 0.2872,
0.3336

■ 29.9411, 0.2616,
0.3375

■ 29.9411, 0.2616,
0.3375

■ 29.1303, 0.2522,
0.3399

■ 30.9307, 0.2725,
0.3352

■ 28.4838, 0.2445,
0.3424

■ 32.1055, 0.2847,
0.3330

■ 27.9909, 0.2385,
0.3450


■ 33.4758, 0.2979,
0.3310

■ 27.6378, 0.2345,
0.3475

■ 35.0502, 0.3118,
0.3291

■ 27.4084, 0.2322,
0.3501

■ 36.8368, 0.3262,
0.3274

 27.2700, 0.2312,
0.3525

 38.8432, 0.3408,
0.3259

 41.0766, 0.3554,
0.3246

 43.5441, 0.3698,
0.3234

 46.2522, 0.3838,
0.3224

Harmonies

Analogous

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



29.9411, 0.2902, 0.3709



29.9411, 0.2616, 0.3375



29.9411, 0.2467, 0.3038

Triad

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



29.9411, 0.2616, 0.3375



29.9411, 0.2964, 0.2748



29.9411, 0.3809, 0.3747

Complementary

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



29.9411, 0.2616, 0.3375



16.5820, 0.4046, 0.3211

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.



29.9411, 0.3835, 0.3476



29.9411, 0.2616, 0.3375



29.9411, 0.3331, 0.2919

Square

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



29.9411, 0.2616, 0.3375



29.9411, 0.2658, 0.2701



29.9411, 0.3657, 0.3179



29.9411, 0.3593, 0.3917

Rectangle

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



29.9411, 0.2616, 0.3375



29.9411, 0.2459, 0.2863



29.9411, 0.3657, 0.3179



29.9411, 0.3841, 0.3664

Sweetspot

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



29.9423, 0.2616, 0.3375



60.3546, 0.2957, 0.3313



28.7026, 0.3118, 0.4487



13.1688, 0.2941, 0.3315



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.9423, 0.2616, 0.3375



52.9807, 0.2528, 0.3398



21.7265, 0.2506, 0.2800



7.5007, 0.2998, 0.3307



21.2457, 0.2312, 0.3522



0.3822, 0.2283, 0.3420

Inverse Universe

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



16.5820, 0.4046, 0.3211



25.2375, 0.4383, 0.3196



22.2426, 0.3945, 0.3728



6.6540, 0.3272, 0.3273



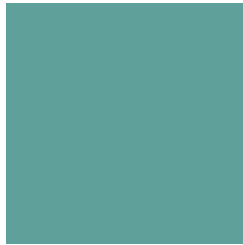
5.8459, 0.6291, 0.3240



0.1067, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 29.9411, 0.2616, 0.3375 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 29.9411, 0.2616, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

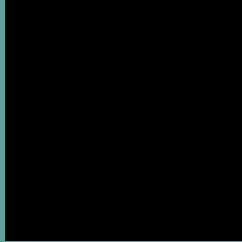
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9411, 0.2616, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 29.9411, 0.2616, 0.3375.

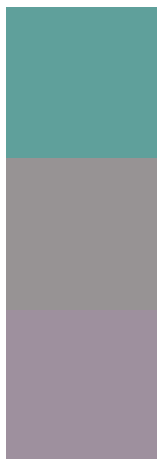


This preview shows how white text looks on a background with the Yxy color 29.9411, 0.2616, 0.3375.

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

29.9411, 0.2616, 0.3375

Protanopia

29.5849, 0.3159, 0.3274

Deuteranopia

29.6842, 0.3137, 0.3079



Tritanopia

30.0086, 0.2535, 0.3089

Trichromacy



Original Color

29.9411, 0.2616, 0.3375

Protanomaly

29.5161, 0.2931, 0.3306

Deuteranomaly

29.3979, 0.2916, 0.3177

Tritanomaly

30.1096, 0.2565, 0.3187

Monochromacy



Original Color

29.9411, 0.2616, 0.3375

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.1969, 0.2915, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9411, 0.2616, 0.3375 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(95, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 155)  
}
```

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(95, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 155) }
```

Border

The CSS property to change the border of an element to Yxy 29.9411, 0.2616, 0.3375 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(95, 160, 155) }
```

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

```
.border{ border-color:rgb(95, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9411, 0.2616, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 155) }
```

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

```
.background{ background-color: rgb(95, 160,  
155) }
```

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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