

Converting Colors

$Y_{xy}(30.6205, 0.2995, 0.3172)$

Have a look what the booklet for
Yxy(30.6205, 0.2995, 0.3172)
contains.

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Color

Yxy(30.6562, 0.2995, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	91979F
RGB	145, 151, 159
RGB Percent	57%, 59%, 62%
CMY	0.4312, 0.4079, 0.3764
CMYK	0.09, 0.05, 0.00, 0.38
HSL	215°, 7%, 60%
HSV	215°, 9%, 62%
XYZ	29.0096, 30.6562, 37.1943
YIQ	150.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

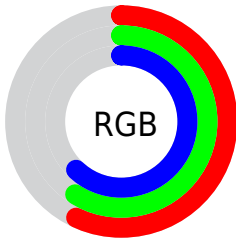
Format	Color
R _Y B	145, 149, 159
Decimal	9541535
CIE Lab	62.22, -0.50, -4.95
CIE LCh	62, 4.978, 264.290
Yxy	30.6562, 0.2995, 0.3165
Android (android.graphics.Color)	4287731615 (0xFF91979F)
YUV	150.1180, 4.3788, -4.4885
Hunter-Lab	55.3680, -3.3706, -1.0713

Details

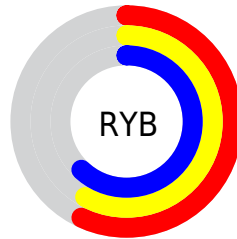
The Yxy color **30.6562, 0.2995, 0.3165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2272, 0.3263, 0.3412**, and the grayscale version is **30.5391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6598, 0.3020, 0.3185**, and **12.6299, 0.2951, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **26.4824, 0.2837, 0.3007**, and if you desaturate by 10%, it is **35.2631, 0.3145, 0.3306**.

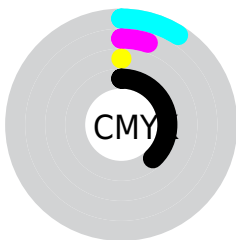
Distribution



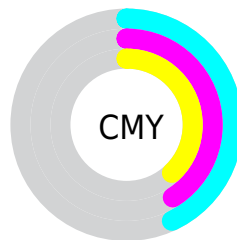
- Red (57%)
- Green (59%)
- Blue (62%)



- Red (57%)
- Yellow (58%)
- Blue (62%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6562, 0.2995, 0.3165 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 30.6562, 0.2995, 0.3165 by changing the saturation by 10% instead.

■ 30.6562, 0.2995,
0.3165

■ 30.6562, 0.2995,
0.3165

304.9513, 0.3066,
0.3232

■ 20.3372, 0.2976,
0.3147

■ 60.6984, 0.3022,
0.3190

■ 12.6404, 0.2950,
0.3122

■ 81.1904, 0.3032,
0.3200

■ 7.1814, 0.2914,
0.3087

105.8421, 0.3040,
0.3207

■ 3.5758, 0.2858,
0.3035

135.0380, 0.3046,
0.3214

■ 1.4392, 0.2765,
0.2945

169.1625, 0.3052,
0.3219

■ 0.2454, 0.2048,
0.2272

208.5999, 0.3057,

■ 0.0000, 0.0000,

0.3224

0.0000

253.7347, 0.3062,
0.3228

■ 30.6562, 0.2995,
0.3165

■ 30.6562, 0.2995,
0.3165

■ 26.4824, 0.2837,
0.3007

■ 35.2631, 0.3145,
0.3306

■ 22.7243, 0.2673,
0.2832

■ 40.3120, 0.3286,
0.3432

■ 19.3689, 0.2507,
0.2642

■ 45.8165, 0.3417,
0.3543

■ 16.4011, 0.2341,
0.2437

■ 51.7884, 0.3538,
0.3640

■ 13.8046, 0.2182,
0.2222

■ 58.2390, 0.3650,
0.3725

■ 11.5618, 0.2036,
0.2003

■ 65.1791, 0.3753,
0.3799

■ 9.6532, 0.1907,
0.1784

■ 72.3597, 0.3836,
0.3866

■ 8.0568, 0.1802,
0.1575

■ 77.1470, 0.3802,
0.3954

■ 6.7352, 0.1720,
0.1380

■ 82.1986, 0.3769,
0.4038

Harmonies

Analogous

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



30.6562, 0.2972, 0.3209



30.6562, 0.2995, 0.3165



30.6562, 0.3053, 0.3154

Triad

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



30.6562, 0.2995, 0.3165



30.6562, 0.3266, 0.3301



30.6562, 0.3122, 0.3405

Complementary

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



30.6562, 0.2995, 0.3165



32.2272, 0.3263, 0.3412

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.



30.6562, 0.3201, 0.3430



30.6562, 0.2995, 0.3165



30.6562, 0.3285, 0.3368

Square

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



30.6562, 0.2995, 0.3165



30.6562, 0.3210, 0.3232



30.6562, 0.3261, 0.3415



30.6562, 0.3045, 0.3349

Rectangle

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



30.6562, 0.2995, 0.3165



30.6562, 0.3104, 0.3167



30.6562, 0.3261, 0.3415



30.6562, 0.3149, 0.3417

Sweetspot

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



30.6575, 0.2995, 0.3165



59.5168, 0.3082, 0.3248



33.1240, 0.3047, 0.3383



13.2724, 0.3070, 0.3237



80.7346, 0.3127, 0.3290



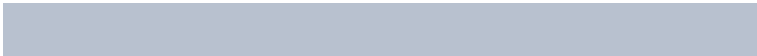
13.9985, 0.3127, 0.3290

Same Dimension

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



30.6575, 0.2995, 0.3165



53.0073, 0.2957, 0.3128



28.8812, 0.3004, 0.3072



6.8755, 0.2988, 0.3158



5.2814, 0.1715, 0.1373



0.1765, 0.1928, 0.2141

Inverse Universe

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



29.8739, 0.3216, 0.3200



51.2828, 0.3243, 0.3174



34.1239, 0.3245, 0.3500



6.6906, 0.3221, 0.3195



6.1554, 0.5227, 0.2653



0.1183, 0.4296, 0.2140

Previews

White Background



This preview shows how the Yxy color 30.6562, 0.2995, 0.3165 looks on a white background.

Color Contrast Check

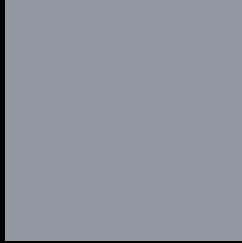
Large Text (above 18pt) WCAG AA × Fail

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 30.6562, 0.2995, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

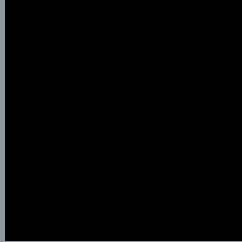
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

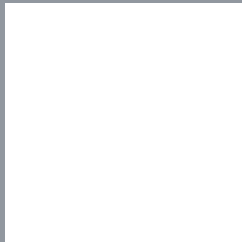
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.6562, 0.2995, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 30.6562, 0.2995, 0.3165.



This preview shows how white text looks on a background with the Yxy color 30.6562, 0.2995, 0.3165.

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

30.6562, 0.2995, 0.3165

Protanopia

30.5428, 0.3063, 0.3152

Deuteranopia

30.5694, 0.3137, 0.3081



Tritanopia

30.5323, 0.2977, 0.3105

Trichromacy



Original Color

30.6562, 0.2995, 0.3165

Protanomaly

30.6709, 0.3043, 0.3167

Deuteranomaly

30.6864, 0.3085, 0.3109

Tritanomaly

30.4969, 0.2986, 0.3120

Monochromacy



Original Color

30.6562, 0.2995, 0.3165

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.4085, 0.3079, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6562, 0.2995, 0.3165 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(145, 151, 159)` looks like.

```
.text, #text, p{  
    color:rgb(145, 151, 159)  
}
```

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(145, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 151, 159) }
```

Border

The CSS property to change the border of an element to Yxy 30.6562, 0.2995, 0.3165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

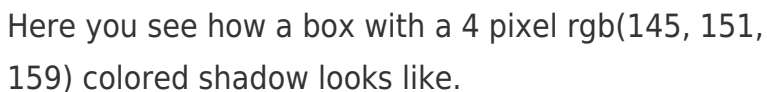
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 151, 159) }
```

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

```
.border{ border-color:rgb(145, 151, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 151, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 151, 159); box-shadow:4px 4px 4px 4px rgb(145, 151, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6562, 0.2995, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 151, 159) }
```

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

```
.background{ background-color: rgb(145,  
151, 159) }
```

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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