

Converting Colors

$Y_{xy}(30.2059, 0.3101, 0.3171)$

Have a look what the booklet for
Yxy(30.2059, 0.3101, 0.3171)
contains.

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Color

Yxy(30.2555, 0.3092, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	98949C
RGB	152, 148, 156
RGB Percent	60%, 58%, 61%
CMY	0.4039, 0.4196, 0.3882
CMYK	0.03, 0.05, 0.00, 0.39
HSL	270°, 4%, 60%
HSV	270°, 5%, 61%
XYZ	29.5390, 30.2555, 35.7391
YIQ	150.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

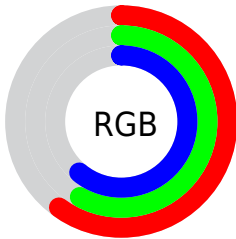
Format	Color
RYB	152, 148, 156
Decimal	9999516
CIELab	61.87, 3.02, -3.70
CIELCh	62, 4.770, 309.212
Yxy	30.2555, 0.3092, 0.3167
Android (android.graphics.Color)	4288189596 (0xFF98949C)
YUV	150.1080, 2.9048, 1.6593
Hunter-Lab	55.0050, -0.4000, -0.0198

Details

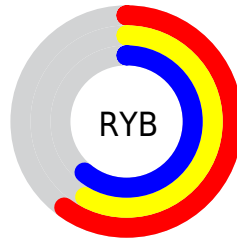
The Yxy color **30.2555, 0.3092, 0.3167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5957, 0.3161, 0.3413**, and the grayscale version is **30.5354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0160, 0.3101, 0.3197**, and **12.3360, 0.3076, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **24.9572, 0.3015, 0.2912**, and if you desaturate by 10%, it is **36.2659, 0.3158, 0.3402**.

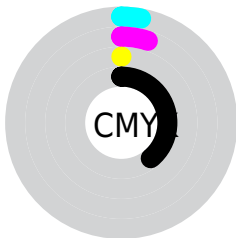
Distribution



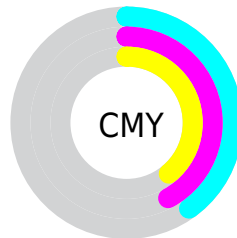
- Red (60%)
- Green (58%)
- Blue (61%)



- Red (60%)
- Yellow (58%)
- Blue (61%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2555, 0.3092, 0.3167 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 30.2555, 0.3092, 0.3167 by changing the saturation by 10% instead.

■ 30.2555, 0.3092,
0.3167

■ 30.2555, 0.3092,
0.3167

303.0936, 0.3111,
0.3233

■ 20.0326, 0.3087,
0.3149

■ 60.0660, 0.3099,
0.3192

■ 12.4187, 0.3080,
0.3125

■ 80.4224, 0.3102,
0.3201

■ 7.0295, 0.3069,
0.3092

104.9254, 0.3104,
0.3208

■ 3.4806, 0.3053,
0.3041

133.9594, 0.3106,
0.3215

■ 1.3875, 0.3026,
0.2955

167.9089, 0.3108,
0.3220

■ 0.2075, 0.2813,
0.2155

207.1581, 0.3109,

■ 0.0000, 0.0000,

0.3225

0.0000

252.0916, 0.3110,
0.3229

■ 30.2555, 0.3092,
0.3167

■ 30.2555, 0.3092,
0.3167

■ 24.9572, 0.3015,
0.2912

■ 36.2659, 0.3158,
0.3402

■ 20.3400, 0.2925,
0.2639

■ 43.0102, 0.3213,
0.3615

■ 16.3762, 0.2823,
0.2353

■ 50.5140, 0.3260,
0.3807

■ 13.0348, 0.2710,
0.2061

■ 58.8006, 0.3299,
0.3979

■ 10.2821, 0.2587,
0.1775

■ 67.8921, 0.3331,
0.4132

■ 8.0812, 0.2458,
0.1508

■ 77.8099, 0.3357,
0.4270

■ 6.3908, 0.2328,
0.1275

■ 87.1554, 0.3383,
0.4373

■ 5.1636, 0.2202,
0.1086

■ 88.3094, 0.3435,
0.4354

■ 4.3390, 0.2086,
0.0950

■ 89.5202, 0.3488,
0.4336

Harmonies

Analogous

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



30.2555, 0.3024, 0.3160



30.2555, 0.3092, 0.3167



30.2555, 0.3170, 0.3206

Triad

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



30.2555, 0.3092, 0.3167



30.2555, 0.3272, 0.3391



30.2555, 0.3018, 0.3313

Complementary

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



30.2555, 0.3092, 0.3167



32.5957, 0.3161, 0.3413

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.



30.2555, 0.3083, 0.3377



30.2555, 0.3092, 0.3167



30.2555, 0.3230, 0.3422

Square

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



30.2555, 0.3092, 0.3167



30.2555, 0.3275, 0.3334



30.2555, 0.3161, 0.3417



30.2555, 0.2982, 0.3243

Rectangle

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



30.2555, 0.3092, 0.3167



30.2555, 0.3217, 0.3245



30.2555, 0.3161, 0.3417



30.2555, 0.3037, 0.3336

Sweetspot

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



30.2568, 0.3092, 0.3167



58.1811, 0.3114, 0.3242



31.1991, 0.3051, 0.3230



12.8313, 0.3114, 0.3245



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.



30.2568, 0.3092, 0.3167



53.9402, 0.3085, 0.3143



30.6376, 0.3131, 0.3169



6.9462, 0.3082, 0.3134



3.3224, 0.2040, 0.0897



0.0845, 0.2490, 0.1145

Inverse Universe

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



30.5180, 0.3171, 0.3229



54.5040, 0.3180, 0.3217



32.2271, 0.3123, 0.3414



7.0235, 0.3183, 0.3212



6.2851, 0.4909, 0.2478



0.1209, 0.4095, 0.2029

Previews

White Background



This preview shows how the Yxy color 30.2555, 0.3092, 0.3167 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 30.2555, 0.3092, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

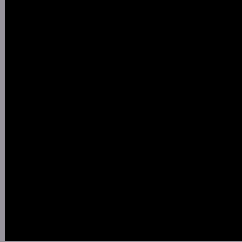
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

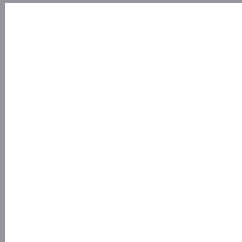
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2555, 0.3092, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 30.2555, 0.3092, 0.3167.



This preview shows how white text looks on a background with the Yxy color 30.2555, 0.3092, 0.3167.

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

30.2555, 0.3092, 0.3167

Protanopia

30.3792, 0.3072, 0.3182

Deuteranopia

30.2622, 0.3177, 0.3111



Tritanopia

30.3584, 0.3064, 0.3122

Trichromacy



Original Color

30.2555, 0.3092, 0.3167

Protanomaly

30.4745, 0.3082, 0.3182

Deuteranomaly

30.2612, 0.3145, 0.3124

Tritanomaly

30.3238, 0.3073, 0.3137

Monochromacy



Original Color

30.2555, 0.3092, 0.3167

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3412, 0.3119, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2555, 0.3092, 0.3167 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(152, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 156)  
}
```

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(152, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 156) }
```

Border

The CSS property to change the border of an element to Yxy 30.2555, 0.3092, 0.3167 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(152, 148, 156) }
```

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

```
.border{ border-color:rgb(152, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2555, 0.3092, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 156) }
```

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

```
.background{ background-color: rgb(152,  
148, 156) }
```

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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