

Converting Colors

$Y_{xy}(35.1219, 0.2952, 0.3145)$

Have a look what the booklet for
Yxy(35.1219, 0.2952, 0.3145)
contains.

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Color

Yxy(35.0093, 0.2949, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	97A1AB
RGB	151, 161, 171
RGB Percent	59%, 63%, 67%
CMY	0.4078, 0.3686, 0.3294
CMYK	0.12, 0.06, 0.00, 0.33
HSL	210°, 11%, 63%
HSV	210°, 12%, 67%
XYZ	32.8588, 35.0093, 43.5555
YIQ	159.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

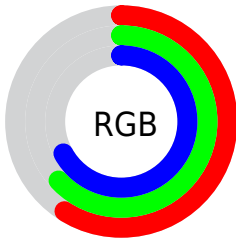
Format	Color
RYB	151, 158, 171
Decimal	9937323
CIELab	65.76, -1.48, -6.41
CIElCh	66, 6.573, 257.021
Yxy	35.0093, 0.2949, 0.3142
Android (android.graphics.Color)	4288127403 (0xFF97A1AB)
YUV	159.1500, 5.8420, -7.1476
Hunter-Lab	59.1687, -4.4167, -2.2268

Details

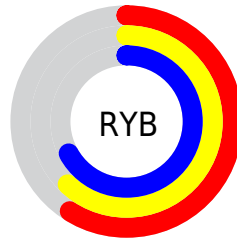
The Yxy color **35.0093, 0.2949, 0.3142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3854, 0.3315, 0.3434**, and the grayscale version is **34.7201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5819, 0.2984, 0.3177**, and **15.1931, 0.2890, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **30.6037, 0.2791, 0.3000**, and if you desaturate by 10%, it is **39.8597, 0.3102, 0.3270**.

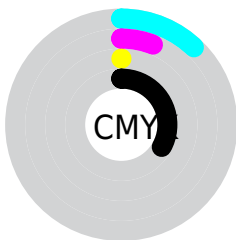
Distribution



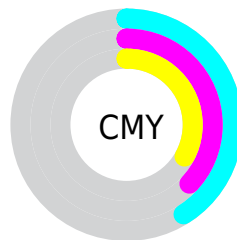
- Red (59%)
- Green (63%)
- Blue (67%)



- Red (59%)
- Yellow (62%)
- Blue (67%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0093, 0.2949, 0.3142 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 35.0093, 0.2949, 0.3142 by changing the saturation by 10% instead.

■ 35.0093, 0.2949,
0.3142

■ 35.0093, 0.2949,
0.3142

■ 324.6094, 0.3042,
0.3220

■ 23.6700, 0.2924,
0.3121

■ 67.5002, 0.2984,
0.3171

■ 15.0890, 0.2892,
0.3094

■ 89.4206, 0.2997,
0.3182

■ 8.8819, 0.2847,
0.3056

■ 115.6368, 0.3007,
0.3191

■ 4.6642, 0.2782,
0.3000

■ 146.5333, 0.3016,
0.3198

■ 2.0516, 0.2677,
0.2909

■ 182.4944, 0.3024,
0.3205

■ 0.6372, 0.2414,
0.2701

■ 223.9045, 0.3031,

■ 0.0000, 0.0000,

0.3210

0.0000

271.1480, 0.3037,
0.3215

■ 35.0093, 0.2949,
0.3142

■ 35.0093, 0.2949,
0.3142

■ 30.6037, 0.2791,
0.3000

■ 39.8597, 0.3102,
0.3270

■ 26.6241, 0.2630,
0.2844

■ 45.1639, 0.3248,
0.3384

■ 23.0571, 0.2469,
0.2675

■ 50.9364, 0.3386,
0.3485

■ 19.8865, 0.2314,
0.2494

■ 57.1893, 0.3515,
0.3573

■ 17.0948, 0.2167,
0.2305

■ 63.9345, 0.3635,
0.3651

■ 14.6630, 0.2036,
0.2113

■ 71.1834, 0.3747,
0.3720

■ 12.5699, 0.1924,
0.1920

■ 75.8449, 0.3730,
0.3802

■ 10.7909, 0.1834,
0.1734

■ 80.4734, 0.3703,
0.3883

■ 9.5131, 0.1774,
0.1587

■ 85.3353, 0.3676,
0.3963

Harmonies

Analogous

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



35.0093, 0.2933, 0.3206



35.0093, 0.2949, 0.3142



35.0093, 0.3012, 0.3118

Triad

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



35.0093, 0.2949, 0.3142



35.0093, 0.3289, 0.3282



35.0093, 0.3145, 0.3448

Complementary

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



35.0093, 0.2949, 0.3142



36.3854, 0.3315, 0.3434

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.



35.0093, 0.3241, 0.3467



35.0093, 0.2949, 0.3142



35.0093, 0.3326, 0.3369

Square

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



35.0093, 0.2949, 0.3142



35.0093, 0.3209, 0.3198



35.0093, 0.3308, 0.3437



35.0093, 0.3045, 0.3385

Rectangle

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



35.0093, 0.2949, 0.3142



35.0093, 0.3073, 0.3127



35.0093, 0.3308, 0.3437



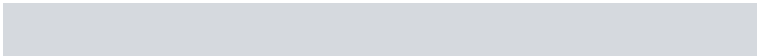
35.0093, 0.3179, 0.3460

Sweetspot

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



35.0108, 0.2949, 0.3142



69.2467, 0.3066, 0.3241



38.2808, 0.3031, 0.3437



15.2963, 0.3055, 0.3231



86.8899, 0.3127, 0.3290



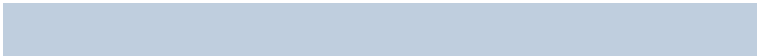
16.2647, 0.3127, 0.3290

Same Dimension

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



35.0108, 0.2949, 0.3142



60.6102, 0.2909, 0.3107



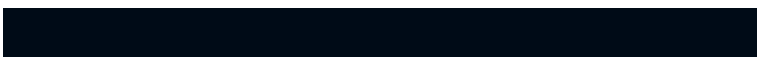
31.6552, 0.2946, 0.2991



8.3938, 0.2986, 0.3174



7.2764, 0.1779, 0.1604



0.3120, 0.1933, 0.2159

Inverse Universe

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



33.3666, 0.3235, 0.3147



57.1480, 0.3262, 0.3115



40.0206, 0.3298, 0.3572



8.0796, 0.3211, 0.3177



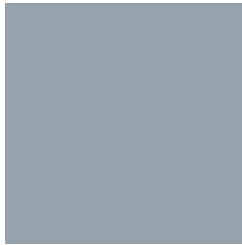
7.0376, 0.4926, 0.2487



0.2068, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 35.0093, 0.2949, 0.3142 looks on a white background.

Color Contrast Check

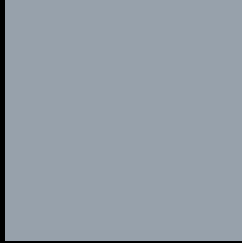
Large Text (above 18pt) WCAG AA × Fail

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 35.0093, 0.2949, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

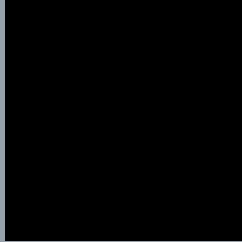
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

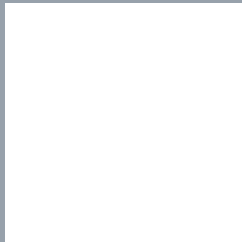
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0093, 0.2949, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 35.0093, 0.2949, 0.3142.

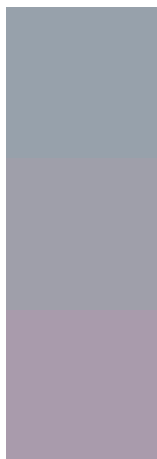


This preview shows how white text looks on a background with the Yxy color 35.0093, 0.2949, 0.3142.

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

35.0093, 0.2949, 0.3142

Protanopia

35.0695, 0.3031, 0.3130

Deuteranopia

34.8563, 0.3109, 0.3050



Tritanopia

35.0862, 0.2933, 0.3113

Trichromacy



Original Color

35.0093, 0.2949, 0.3142

Protanomaly

35.1118, 0.3003, 0.3144

Deuteranomaly

34.7739, 0.3042, 0.3074

Tritanomaly

35.0476, 0.2941, 0.3128

Monochromacy



Original Color

35.0093, 0.2949, 0.3142

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8539, 0.3063, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0093, 0.2949, 0.3142 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(151, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 171)  
}
```

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(151, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.0093, 0.2949, 0.3142 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(151, 161, 171) }
```

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

```
.border{ border-color:rgb(151, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0093, 0.2949, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 171) }
```

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

```
.background{ background-color: rgb(151,  
161, 171) }
```

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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