

Converting Colors

$Yxy(36.6759, 0.3054, 0.3577)$

Have a look what the booklet for
Yxy(36.6759, 0.3054, 0.3577)
contains.

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Color

Yxy(36.5396, 0.3051, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	90A997
RGB	144, 169, 151
RGB Percent	56%, 66%, 59%
CMY	0.4354, 0.3372, 0.4078
CMYK	0.15, 0.00, 0.11, 0.34
HSL	137°, 13%, 61%
HSV	137°, 15%, 66%
XYZ	31.2713, 36.5396, 34.6844
YIQ	159.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

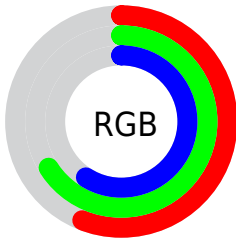
Format	Color
RYB	144, 164, 169
Decimal	9480599
CIELab	66.93, -12.28, 6.39
CIElCh	67, 13.846, 152.506
Yxy	36.5396, 0.3051, 0.3565
Android (android.graphics.Color)	4287670679 (0xFF90A997)
YUV	159.4730, -4.1772, -13.5698
Hunter-Lab	60.4480, -13.4412, 8.2936

Details

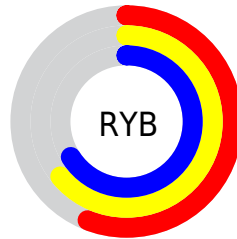
The Yxy color **36.5396, 0.3051, 0.3565** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9806, 0.3213, 0.3030**, and the grayscale version is **34.9199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7249, 0.3068, 0.3509**, and **15.9698, 0.3023, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **34.7572, 0.3001, 0.3779**, and if you desaturate by 10%, it is **38.5936, 0.3102, 0.3374**.

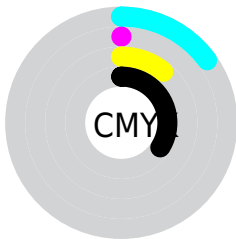
Distribution



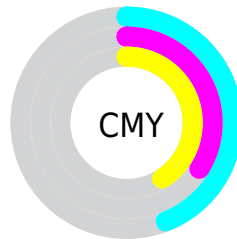
- Red (56%)
- Green (66%)
- Blue (59%)



- Red (56%)
- Yellow (64%)
- Blue (66%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)





- Cyan (44%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5396, 0.3051, 0.3565 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 36.5396, 0.3051, 0.3565 by changing the saturation by 10% instead.


 36.5396, 0.3051,
0.3565


 36.5396, 0.3051,
0.3565


331.3129, 0.3092,
0.3419

 24.8512, 0.3040,
0.3604


 69.8641, 0.3067,
0.3510

 15.9662, 0.3025,
0.3657


 92.2690, 0.3072,
0.3490

 9.5003, 0.3003,
0.3730


119.0150, 0.3077,
0.3473

 5.0689, 0.2971,
0.3840

150.4862, 0.3081,
0.3459

 2.2877, 0.2915,
0.4024

187.0673, 0.3084,
0.3447

 0.7672, 0.2709,
0.4840

229.1425, 0.3087,

 0.0000, 0.0000,

0.3437

0.0000

277.0962, 0.3090,
0.3427

■ 36.5396, 0.3051,
0.3565

■ 36.5396, 0.3051,
0.3565

■ 34.7572, 0.3001,
0.3779

■ 38.5936, 0.3102,
0.3374

■ 33.2304, 0.2954,
0.4014

■ 40.9253, 0.3154,
0.3205

■ 31.9487, 0.2912,
0.4268

■ 43.5462, 0.3203,
0.3057

■ 30.8989, 0.2880,
0.4536

■ 46.4658, 0.3251,
0.2928

■ 30.0666, 0.2859,
0.4808

■ 49.6933, 0.3296,
0.2815

■ 29.4358, 0.2852,
0.5074

■ 53.2374, 0.3339,
0.2717

■ 28.9881, 0.2861,
0.5319

■ 55.7003, 0.3318,
0.2618

■ 28.7012, 0.2884,
0.5532

■ 56.4312, 0.3220,
0.2509

■ 28.5895, 0.2897,
0.5629

■ 56.8603, 0.3167,
0.2450

Harmonies

Analogous

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



36.5396, 0.3262, 0.3656



36.5396, 0.3051, 0.3565



36.5396, 0.2865, 0.3393

Triad

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



36.5396, 0.3051, 0.3565



36.5396, 0.2817, 0.2948



36.5396, 0.3519, 0.3362

Complementary

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



36.5396, 0.3051, 0.3565



30.9806, 0.3213, 0.3030

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.



36.5396, 0.3392, 0.3185



36.5396, 0.3051, 0.3565



36.5396, 0.2983, 0.2951

Square

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



36.5396, 0.3051, 0.3565



36.5396, 0.2733, 0.3035



36.5396, 0.3194, 0.3036



36.5396, 0.3537, 0.3529

Rectangle

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



36.5396, 0.3051, 0.3565



36.5396, 0.2779, 0.3261



36.5396, 0.3194, 0.3036



36.5396, 0.3488, 0.3302

Sweetspot

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



36.5411, 0.3051, 0.3565



69.4027, 0.3106, 0.3361



38.1092, 0.3280, 0.3656



15.0641, 0.3103, 0.3374



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.5411, 0.3051, 0.3565



64.2602, 0.3033, 0.3637



36.9570, 0.2953, 0.3377



8.4411, 0.3079, 0.3457



21.3125, 0.2892, 0.5611



0.5271, 0.2706, 0.4940

Inverse Universe

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



30.9806, 0.3213, 0.3030



52.2432, 0.3236, 0.2966



30.5688, 0.3336, 0.3205



7.6301, 0.3178, 0.3129



7.3342, 0.4057, 0.2009



0.1865, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 36.5396, 0.3051, 0.3565 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 36.5396, 0.3051, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

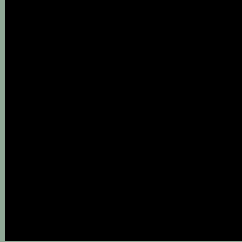
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5396, 0.3051, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 36.5396, 0.3051, 0.3565.



This preview shows how white text looks on a background with the Yxy color 36.5396, 0.3051, 0.3565.

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

36.5396, 0.3051, 0.3565

Protanopia

36.3823, 0.3330, 0.3507

Deuteranopia

36.3589, 0.3414, 0.3346



Tritanopia

36.5142, 0.2877, 0.3100

Trichromacy



Original Color

36.5396, 0.3051, 0.3565

Protanomaly

36.5220, 0.3229, 0.3541

Deuteranomaly

36.0816, 0.3276, 0.3420

Tritanomaly

36.3026, 0.2940, 0.3260

Monochromacy



Original Color

36.5396, 0.3051, 0.3565

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4647, 0.3103, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5396, 0.3051, 0.3565 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(144, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(144, 169, 151)  
}
```

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(144, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 169, 151) }
```

Border

The CSS property to change the border of an element to Yxy 36.5396, 0.3051, 0.3565 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(144, 169, 151) }
```

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

```
.border{ border-color:rgb(144, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(144, 169,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5396, 0.3051, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 169, 151) }
```

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

```
.background{ background-color: rgb(144,  
169, 151) }
```

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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