Converting Colors

Yxy(35.9466, 0.3291, 0.3510)

Have a look what the booklet for Yxy(35.9466, 0.3291, 0.3510) contains.

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Color

Yxy(35.9466, 0.3291, 0.3510)

Conversions

Format	Color
	Conversions Part 1
Hex	A5A293
RGB	165, 162, 147
RGB Percent	65%, 64%, 58%
CMY	0.3529, 0.3647, 0.4236
CMYK	0.00, 0.02, 0.11, 0.35
HSL	50°, 9%, 61%
HSV	50°, 11%, 65%
XYZ	33.7038, 35.9466, 32.7616
YIQ	161.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

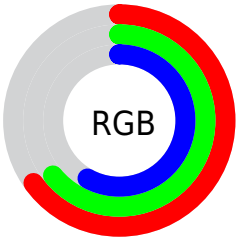
Format	Color
RYB	151, 165, 147
Decimal	10855059
CIELab	66.48, -1.61, 8.19
CIELCh	66, 8.344, 101.133
Yxy	35.9466, 0.3291, 0.3510
Android (android.graphics.Color)	4289045139 (0xFFA5A293)
YUV	161.1870, -6.9942, 3.3440
Hunter-Lab	59.9555, -4.5789, 9.5709

Details

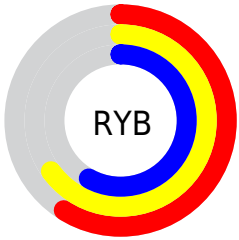
The Yxy color 35.9466, 0.3291, 0.3510 is a light color, and the websafe version is hex 999999. A complement of this color would be 30.7290, 0.2960, 0.3060, and the grayscale version is 35.7636, 0.3127, 0.3290.

A 20% lighter version of the original color is 69.0584, 0.3258, 0.3469, and 15.5071, 0.3348, 0.3581 is the 20% darker color. If you saturate the color by 10%, you get 34.5090, 0.3451, 0.3719, and if you desaturate by 10%, it is 37.4828, 0.3140, 0.3308.

Distribution

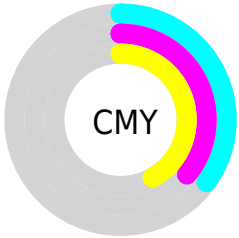


- Red (65%)
- Green (64%)
- Blue (58%)



- Red (59%)
- Yellow (65%)
- Blue (58%)

- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9466, 0.3291, 0.3510 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 35.9466, 0.3291, 0.3510 by changing the saturation by 10% instead.

35.9466, 0.3291, 0.3510

35.9466, 0.3291, 0.3510

328.7271, 0.3206, 0.3395

24.3930, 0.3313, 0.3541

68.9496, 0.3259, 0.3467

15.6254, 0.3343, 0.3581

91.1678, 0.3247, 0.3451

9.2595, 0.3384, 0.3637

117.7096, 0.3238, 0.3438

4.9108, 0.3443, 0.3719

148.9595, 0.3229, 0.3427

2.1950, 0.3537, 0.3852

185.3018, 0.3222, 0.3417

0.7173, 0.4096, 0.4574

227.1209, 0.3216,

0.0000, 0.0000,

0.3409

0.0000

274.8012, 0.3211, 0.3401

35.9466, 0.3291, 0.3510

35.9466, 0.3291, 0.3510

34.5090, 0.3451, 0.3719

37.4828, 0.3140, 0.3308

33.1620, 0.3617, 0.3929

39.1160, 0.3001, 0.3116

31.9037, 0.3786, 0.4134

40.8508, 0.2873, 0.2937

30.7303, 0.3952, 0.4326

42.6897, 0.2756, 0.2770

29.6377, 0.4108, 0.4494

44.6357, 0.2650, 0.2617

28.6212, 0.4248, 0.4630

27.6758, 0.4365, 0.4726

26.7953, 0.4455, 0.4777

26.0395, 0.4518, 0.4795

46.6911, 0.2555, 0.2477

48.3664, 0.2509, 0.2421

49.4971, 0.2514, 0.2454

50.6500, 0.2519, 0.2488

Harmonies

Analogous

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

35.9466, 0.3365, 0.3461

35.9466, 0.3291, 0.3510

35.9466, 0.3174, 0.3499

Triad

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

35.9466, 0.3291, 0.3510

35.9466, 0.2887, 0.3204

35.9466, 0.3205, 0.3157

Complementary

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

35.9466, 0.3291, 0.3510

30.7290, 0.2960, 0.3060

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.

35.9466, 0.3076, 0.3091

35.9466, 0.3291, 0.3510

35.9466, 0.2895, 0.3116

Square

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

35.9466, 0.3291, 0.3510

35.9466, 0.2942, 0.3319

35.9466, 0.2963, 0.3076

35.9466, 0.3315, 0.3257

Rectangle

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

35.9466, 0.3291, 0.3510

35.9466, 0.3088, 0.3458

35.9466, 0.2963, 0.3076

35.9466, 0.3163, 0.3131

Sweetspot

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

35.9482, 0.3291, 0.3510

66.5230, 0.3172, 0.3350

31.0663, 0.3286, 0.3246

14.4955, 0.3183, 0.3366

82.7571, 0.3127, 0.3290

14.7319, 0.3127, 0.3290

Same Dimension

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

35.9482, 0.3291, 0.3510

63.7636, 0.3327, 0.3558

36.3891, 0.3228, 0.3557

8.0355, 0.3265, 0.3476

19.7603, 0.4514, 0.4798

0.4653, 0.4381, 0.4903

Inverse Universe

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

30.7290, 0.2960, 0.3060

52.6070, 0.2922, 0.3007

30.3533, 0.3019, 0.3018

7.0418, 0.2987, 0.3097

2.7171, 0.1547, 0.0769

0.1077, 0.1695, 0.1302

Previews

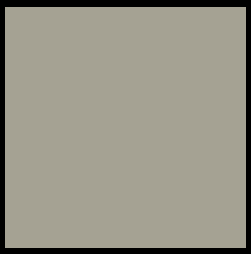
White Background

This preview shows how the Yxy color 35.9466, 0.3291, 0.3510 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



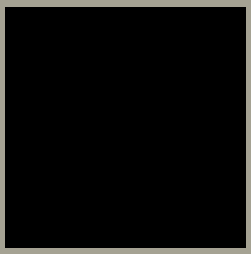
This preview shows how the Yxy color 35.9466, 0.3291, 0.3510 looks on a black background.

Color Contrast Check

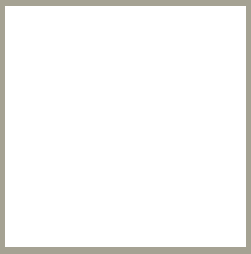
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 35.9466, 0.3291, 0.3510 Background



This preview shows how black text looks on a background with the Yxy color 35.9466, 0.3291, 0.3510.



This preview shows how white text looks on a background with the Yxy color 35.9466, 0.3291, 0.3510.

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

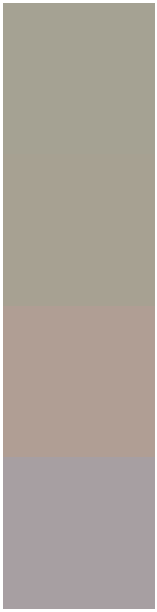
Original Color
35.9466, 0.3291, 0.3510

Protanopia
35.8899, 0.3332, 0.3508

Deuteranopia
35.8601, 0.3465, 0.3402

Tritanopia
35.7188, 0.3107, 0.3106

Trichromacy



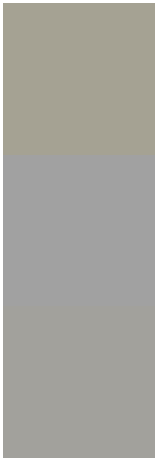
Original Color
35.9466, 0.3291, 0.3510

Protanomaly
35.7806, 0.3322, 0.3509

Deuteranomaly
35.8219, 0.3399, 0.3433

Tritanomaly
35.6204, 0.3177, 0.3247

Monochromacy



Original Color
35.9466, 0.3291, 0.3510

Achromatopsia
35.6400, 0.3127, 0.3290

Achromatomaly
35.5714, 0.3181, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9466, 0.3291, 0.3510 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(165, 162, 147) looks like.

```
.text, #text, p{
    color:rgb(165, 162, 147)
}
```

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(165, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.9466, 0.3291, 0.3510 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(165, 162, 147) }
```

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

```
.border{ border-color:rgb(165, 162, 147) }
```

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

Here you see how a box with a 4 pixel rgb(165, 162, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 162, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 162, 147); box-shadow:4px 4px 4px 4px rgb(165, 162, 147) }
```

Background

The CSS property to change the background color of an element to Yxy 35.9466, 0.3291, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(165, 162, 147) }
```

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

```
.background{ background-color:rgb(165,
162, 147) }
```

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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