Converting Colors

Yxy(11.1596, 0.3121, 0.3267)

Have a look what the booklet for Yxy(11.1596, 0.3121, 0.3267) contains.

Yxy(11.2113, 0.3113, 0.3266) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Yxy(11.2113, 0.3113, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	5E5E5F
RGB	94, 94, 95
RGB Percent	37%, 37%, 37%
CMY	0.6313, 0.6314, 0.6274
CMYK	0.01, 0.01, 0.00, 0.63
HSL	241°, 1%, 37%
HSV	241°, 1%, 37%
XYZ	10.6861, 11.2113, 12.4299
YIQ	94.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

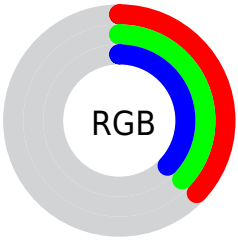
Format	Color
RYB	94, 94, 95
Decimal	6184543
CIELab	39.93, 0.23, -0.58
CIELCh	40, 0.625, 291.250
Yxy	11.2113, 0.3113, 0.3266
Android (android.graphics.Color)	4284374623 (0xFF5E5E5F)
YUV	94.1140, 0.4368, -0.1000
Hunter-Lab	33.4833, -1.6280, 1.4282

Details

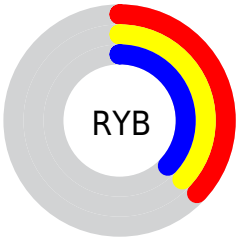
The Yxy color 11.2113, 0.3113, 0.3266 is a dark color, and the websafe version is hex 666666. A complement of this color would be 11.4270, 0.3141, 0.3314, and the grayscale version is 11.2217, 0.3127, 0.3290.

A 20% lighter version of the original color is 27.9201, 0.3117, 0.3274, and 2.9640, 0.3102, 0.3249 is the 20% darker color. If you saturate the color by 10%, you get 9.1626, 0.2971, 0.3026, and if you desaturate by 10%, it is 13.5281, 0.3238, 0.3478.

Distribution

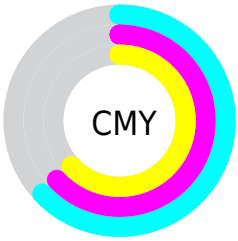


- Red (37%)
- Green (37%)
- Blue (37%)



- Red (37%)
- Yellow (37%)
- Blue (37%)

- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2113, 0.3113, 0.3266 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 11.2113, 0.3113, 0.3266 by changing the saturation by 10% instead.

11.2113, 0.3113, 0.3266

199.1115, 0.3122, 0.3281

28.0502, 0.3117, 0.3272

40.6558, 0.3118, 0.3274

56.5646, 0.3119, 0.3276

76.1611, 0.3120, 0.3277

99.8297, 0.3120, 0.3279

127.9546, 0.3121,

11.2113, 0.3113, 0.3266

6.2091, 0.3110, 0.3261

2.9727, 0.3105, 0.3253

1.1175, 0.3096, 0.3238

0.0000, 0.0000, 0.0000

0.3279

160.9205, 0.3121, 0.3280

11.2113, 0.3113, 0.3266

11.2113, 0.3113, 0.3266

9.1626, 0.2971, 0.3026

13.5281, 0.3238, 0.3478

7.3711, 0.2811, 0.2756

16.1208, 0.3347, 0.3663

5.8269, 0.2634, 0.2459

18.9986, 0.3441, 0.3823

4.5193, 0.2444, 0.2141

22.1696, 0.3522, 0.3963

3.4365, 0.2246, 0.1812

25.6420, 0.3593, 0.4084

2.5659, 0.2051, 0.1488

1.8936, 0.1870, 0.1190

1.4039, 0.1717, 0.0940

1.0776, 0.1602, 0.0755

29.4234, 0.3654, 0.4188

33.5212, 0.3707, 0.4280

37.9425, 0.3753, 0.4359

42.6943, 0.3793, 0.4429

Harmonies

Analogous

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

11.2113, 0.3103, 0.3269

11.2113, 0.3113, 0.3266

11.2113, 0.3127, 0.3270

Triad

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

11.2113, 0.3113, 0.3266

11.2113, 0.3155, 0.3303

11.2113, 0.3114, 0.3302

Complementary

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

11.2113, 0.3113, 0.3266

11.4270, 0.3141, 0.3314

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.

11.2113, 0.3128, 0.3311

11.2113, 0.3113, 0.3266

11.2113, 0.3151, 0.3312

Square

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

11.2113, 0.3113, 0.3266

11.2113, 0.3151, 0.3291

11.2113, 0.3142, 0.3315

11.2113, 0.3104, 0.3289

Rectangle

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

11.2113, 0.3113, 0.3266

11.2113, 0.3136, 0.3275

11.2113, 0.3142, 0.3315

11.2113, 0.3118, 0.3305

Sweetspot

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

11.2118, 0.3113, 0.3266

19.5994, 0.3127, 0.3290

11.3894, 0.3112, 0.3290

4.6964, 0.3127, 0.3290

50.7079, 0.3127, 0.3290

Same Dimension

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

11.2118, 0.3113, 0.3266

19.2123, 0.3114, 0.3267

11.2384, 0.3121, 0.3266

2.9560, 0.3115, 0.3270

1.1902, 0.1512, 0.0607

6.3074, 0.1505, 0.0603

Inverse Universe

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

11.2643, 0.3129, 0.3267

19.2988, 0.3129, 0.3268

11.4002, 0.3134, 0.3314

2.9675, 0.3128, 0.3271

4.5780, 0.3262, 0.1571

24.4390, 0.3266, 0.1573

Previews

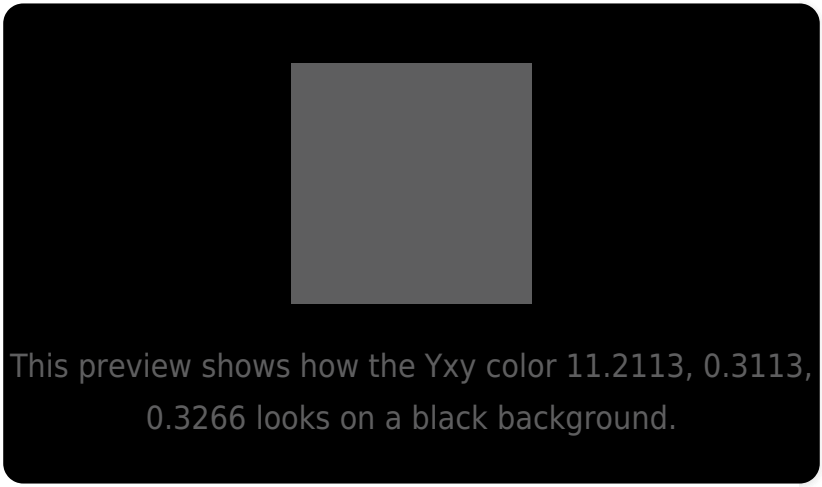
White Background

This preview shows how the Yxy color 11.2113, 0.3113, 0.3266 looks on a white 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 ✕ Fail

Black Background



Color Contrast Check

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

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

Yxy 11.2113, 0.3113, 0.3266

Background

This preview shows how black text looks on a background with the Yxy color 11.2113, 0.3113, 0.3266.

This preview shows how white text looks on a background with the Yxy color 11.2113, 0.3113, 0.3266.

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
11.2113, 0.3113, 0.3266

Protanopia
11.2645, 0.3128, 0.3267

Deuteranopia
11.1515, 0.3228, 0.3177

Tritanopia
11.1817, 0.3058, 0.3127

Trichromacy

Original Color
11.2113, 0.3113, 0.3266

Protanomaly
11.2645, 0.3128, 0.3267

Deuteranomaly
11.1515, 0.3179, 0.3198

Tritanomaly
11.1434, 0.3086, 0.3173

Monochromacy

Original Color
11.2113, 0.3113, 0.3266

Achromatopsia
11.1932, 0.3127, 0.3290

Achromatomaly
11.1932, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2113, 0.3113, 0.3266 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(94, 94, 95) looks like.

```
.text, #text, p{
    color:rgb(94, 94, 95)
}
```

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(94, 94, 95) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(94, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 94, 95) }
```

Border

The CSS property to change the border of an element to Yxy 11.2113, 0.3113, 0.3266 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(94, 94, 95) }
```

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

```
.border{ border-color:rgb(94, 94, 95) }
```

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

Here you see how a box with a 4 pixel rgb(94, 94, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 94, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 94, 95); box-shadow:4px 4px 4px 4px rgb(94, 94, 95) }
```

Background

The CSS property to change the background color of an element to Yxy 11.2113, 0.3113, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(94, 94, 95) }
```

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

```
.background{ background-color:rgb(94, 94, 95) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor