

Converting Colors

$Y_{xy}(11.8017, 0.3129, 0.3335)$

Have a look what the booklet for
Yxy(11.8017, 0.3129, 0.3335)
contains.

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Color

Yxy(11.8085, 0.3125, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	5F615F
RGB	95, 97, 95
RGB Percent	37%, 38%, 37%
CMY	0.6275, 0.6196, 0.6275
CMYK	0.02, 0.00, 0.02, 0.62
HSL	120°, 1%, 38%
HSV	120°, 2%, 38%
XYZ	11.0583, 11.8085, 12.5198
YIQ	96.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

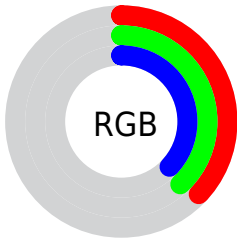
Format	Color
RYB	95, 97, 97
Decimal	6250847
CIELab	40.91, -1.21, 0.87
CIELCh	41, 1.489, 144.397
Yxy	11.8085, 0.3125, 0.3337
Android (android.graphics.Color)	4284440927 (0xFF5F615F)
YUV	96.1740, -0.5788, -1.0296
Hunter-Lab	34.3635, -2.6941, 2.4531

Details

The Yxy color **11.8085, 0.3125, 0.3337** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5870, 0.3129, 0.3243**, and the grayscale version is **11.7430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2439, 0.3125, 0.3338**, and **3.2424, 0.3123, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **11.1566, 0.3114, 0.3581**, and if you desaturate by 10%, it is **12.5479, 0.3135, 0.3123**.

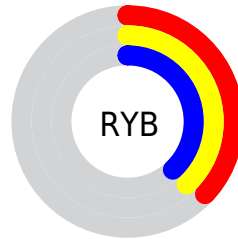
Distribution



Red (37%)

Green (38%)

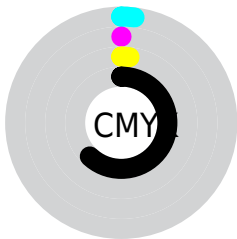
Blue (37%)



Red (37%)

Yellow (38%)

Blue (38%)

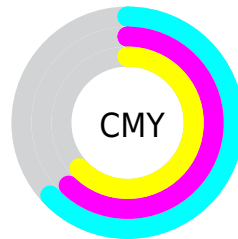


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (62%)



Cyan (63%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.8085, 0.3125, 0.3337 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 11.8085, 0.3125, 0.3337 by changing the saturation by 10% instead.

■ 11.8085, 0.3125,
0.3337

■ 11.8085, 0.3125,
0.3337

203.1334, 0.3126,
0.3308

■ 6.6134, 0.3124,
0.3347

■ 29.1458, 0.3126,
0.3325

■ 3.2215, 0.3124,
0.3363

■ 42.0569, 0.3126,
0.3321

■ 1.2485, 0.3122,
0.3390

■ 58.3087, 0.3126,
0.3318

■ 0.1008, 0.3064,
0.4663

■ 78.2857, 0.3126,
0.3315

■ 0.0000, 0.0000,
0.0000

102.3723, 0.3126,
0.3313

130.9528, 0.3126,

0.3311

164.4117, 0.3126,
0.3310

■ 11.8085, 0.3125,
0.3337

■ 11.8085, 0.3125,
0.3337

■ 11.1566, 0.3114,
0.3581

■ 12.5479, 0.3135,
0.3123

■ 10.5876, 0.3101,
0.3856

■ 13.3762, 0.3143,
0.2936

■ 10.0985, 0.3087,
0.4158

■ 14.2969, 0.3151,
0.2774

■ 9.6858, 0.3072,
0.4482

■ 15.3127, 0.3157,
0.2634

■ 9.3456, 0.3056,
0.4817

■ 16.4261, 0.3163,
0.2513

■ 9.0738, 0.3041,
0.5144

■ 17.6398, 0.3167,
0.2408

■ 8.8657, 0.3027,
0.5442

■ 18.9560, 0.3172,
0.2318

■ 8.7161, 0.3015,
0.5689

■ 20.3773, 0.3175,
0.2239

■ 8.6179, 0.3007,
0.5869

■ 21.9057, 0.3178,
0.2170

Harmonies

Analogous

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



11.8085, 0.3157, 0.3347



11.8085, 0.3125, 0.3337



11.8085, 0.3093, 0.3314

Triad

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



11.8085, 0.3125, 0.3337



11.8085, 0.3073, 0.3239



11.8085, 0.3184, 0.3295

Complementary

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



11.8085, 0.3125, 0.3337



11.5870, 0.3129, 0.3243

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.



11.8085, 0.3161, 0.3266



11.8085, 0.3125, 0.3337



11.8085, 0.3097, 0.3234

Square

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



11.8085, 0.3125, 0.3337



11.8085, 0.3063, 0.3257



11.8085, 0.3129, 0.3244



11.8085, 0.3192, 0.3323

Rectangle

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



11.8085, 0.3125, 0.3337



11.8085, 0.3077, 0.3295



11.8085, 0.3129, 0.3244



11.8085, 0.3178, 0.3285

Sweetspot

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



11.8090, 0.3125, 0.3337



20.3652, 0.3126, 0.3313



11.9122, 0.3155, 0.3336



5.0593, 0.3126, 0.3311



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



11.8090, 0.3125, 0.3337



20.2418, 0.3125, 0.3337



11.8267, 0.3111, 0.3314



2.9759, 0.3125, 0.3330



11.6336, 0.3001, 0.6000



62.1460, 0.3000, 0.6000

Inverse Universe

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



11.5870, 0.3129, 0.3243



19.8654, 0.3129, 0.3244



11.5690, 0.3143, 0.3266



2.9282, 0.3129, 0.3250



4.6214, 0.3206, 0.1540



24.6847, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 11.8085, 0.3125, 0.3337 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



This preview shows how the Yxy color 11.8085, 0.3125, 0.3337 looks on a 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

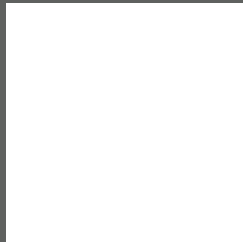
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.8085, 0.3125, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 11.8085, 0.3125, 0.3337.



This preview shows how white text looks on a background with the Yxy color 11.8085, 0.3125, 0.3337.

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

11.8085, 0.3125, 0.3337

Protanopia

11.8265, 0.3201, 0.3336

Deuteranopia

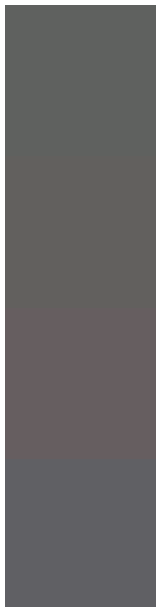
11.7374, 0.3288, 0.3224



Tritanopia

11.8318, 0.3031, 0.3130

Trichromacy



Original Color

11.8085, 0.3125, 0.3337

Protanomaly

11.7706, 0.3186, 0.3336

Deuteranomaly

11.6747, 0.3222, 0.3245

Tritanomaly

11.7726, 0.3071, 0.3198

Monochromacy



Original Color

11.8085, 0.3125, 0.3337

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.6971, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8085, 0.3125, 0.3337 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(95, 97, 95) looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 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(95, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 95) }
```

Border

The CSS property to change the border of an element to Yxy 11.8085, 0.3125, 0.3337 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(95, 97, 95) }
```

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

```
.border{ border-color:rgb(95, 97, 95) }
```

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

Here you see how a box with a 4 pixel rgb(95, 97, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 97, 95)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.8085, 0.3125, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 95) }
```

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

```
.background{ background-color: rgb(95, 97,  
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](#).

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