

Converting Colors

$Y_{xy}(11.3669, 0.2096, 0.1994)$

Have a look what the booklet for
Yxy(11.3669, 0.2096, 0.1994)
contains.

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Color

$Y_{xy}(11.4347, 0.2097, 0.1992)$

Conversions

Conversions Part 1

Format	Color
Hex	3C5E9E
RGB	60, 94, 158
RGB Percent	24%, 37%, 62%
CMY	0.7649, 0.6314, 0.3803
CMYK	0.62, 0.41, 0.00, 0.38
HSL	219°, 45%, 43%
HSV	219°, 62%, 62%
XYZ	12.0374, 11.4347, 33.9310
YIQ	91.1300, -40.8080, 12.6960

Conversions

Conversions Part 2

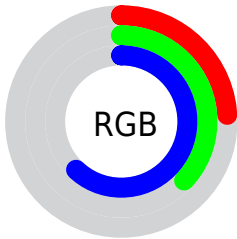
Format	Color
R_{YB}	60, 85, 158
Decimal	3956382
CIE _{Lab}	40.30, 8.41, -38.52
CIE _{LCh}	40, 39.427, 282.312
Yxy	11.4347, 0.2097, 0.1992
Android (android.graphics.Color)	4282146462 (0xFF3C5E9E)
YUV	91.1300, 32.9669, -27.3010
Hunter-Lab	33.8152, 4.3652, -35.8223

Details

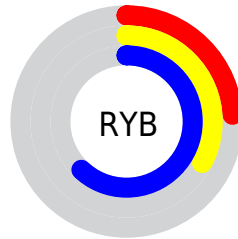
The Yxy color **11.4347, 0.2097, 0.1992** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **22.0082, 0.4297, 0.4275**, and the grayscale version is **10.4220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4636, 0.2343, 0.2285**, and **3.2372, 0.1762, 0.1541** is the 20% darker color. If you saturate the color by 10%, you get **9.3007, 0.1946, 0.1746**, and if you desaturate by 10%, it is **13.9617, 0.2263, 0.2238**.

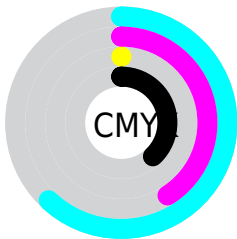
Distribution



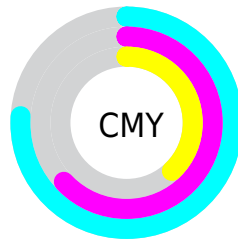
- Red (24%)
- Green (37%)
- Blue (62%)



- Red (24%)
- Yellow (33%)
- Blue (62%)



- Cyan (62%)
- Magenta (41%)
- Yellow (0%)
- Black (38%)



- Cyan (76%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4347, 0.2097, 0.1992 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 11.4347, 0.2097, 0.1992 by changing the saturation by 10% instead.

■ 11.4347, 0.2097,
0.1992

■ 11.4347, 0.2097,
0.1992

■ 200.6260, 0.2705,
0.2735

■ 6.3600, 0.1913,
0.1778

■ 28.4612, 0.2342,
0.2284

■ 3.0652, 0.1659,
0.1492

■ 41.1819, 0.2427,
0.2387

■ 1.1659, 0.1299,
0.1103

■ 57.2200, 0.2495,
0.2472

■ 0.0336, 0.0552,
0.0078

■ 76.9600, 0.2552,
0.2542

■ 0.0000, 0.0000,
0.0000

■ 100.7861, 0.2599,
0.2602

129.0829, 0.2640,

0.2652

162.2348, 0.2674,
0.2696

■ 11.4347, 0.2097,
0.1992

■ 11.4347, 0.2097,
0.1992

■ 9.3007, 0.1946,
0.1746

■ 13.9617, 0.2263,
0.2238

■ 7.5354, 0.1816,
0.1509

■ 16.9015, 0.2436,
0.2475

■ 6.1127, 0.1714,
0.1291

■ 20.2738, 0.2610,
0.2699

■ 5.1883, 0.1649,
0.1136

■ 24.0967, 0.2781,
0.2905

■ 28.3869, 0.2944,
0.3091

■ 33.1606, 0.3097,
0.3258

■ 38.4329, 0.3239,
0.3406

■ 44.2181, 0.3371,
0.3536

■ 50.5303, 0.3491,
0.3651

Harmonies

Analogous

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



11.4347, 0.1729, 0.2118



11.4347, 0.2097, 0.1992



11.4347, 0.2766, 0.2131

Triad

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



11.4347, 0.2097, 0.1992



11.4347, 0.4851, 0.3632



11.4347, 0.2487, 0.4334

Complementary

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



11.4347, 0.2097, 0.1992



22.0082, 0.4297, 0.4275

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.



11.4347, 0.3285, 0.4891



11.4347, 0.2097, 0.1992



11.4347, 0.4675, 0.4257

Square

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



11.4347, 0.2097, 0.1992



11.4347, 0.4469, 0.3023



11.4347, 0.4083, 0.4775



11.4347, 0.1910, 0.3375

Rectangle

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



11.4347, 0.2097, 0.1992



11.4347, 0.3346, 0.2352



11.4347, 0.4083, 0.4775



11.4347, 0.2739, 0.4592

Sweetspot

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



11.4351, 0.2097, 0.1992



45.7508, 0.2825, 0.2957



26.8691, 0.2612, 0.3963



9.8582, 0.2780, 0.2904



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.4351, 0.2097, 0.1992



15.7252, 0.1899, 0.1664



7.1799, 0.2090, 0.1407



6.7931, 0.2988, 0.3140



4.2219, 0.1653, 0.1151



0.1507, 0.1869, 0.1928

Inverse Universe

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



11.3075, 0.4339, 0.2766



16.8680, 0.4769, 0.2722



30.6555, 0.3818, 0.4791



6.6823, 0.3232, 0.3213



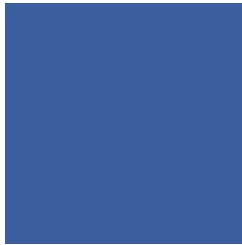
6.0484, 0.5537, 0.2824



0.1157, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 11.4347, 0.2097, 0.1992 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 11.4347, 0.2097, 0.1992 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 11.4347, 0.2097, 0.1992

Background



This preview shows how black text looks on a background with the Yxy color 11.4347, 0.2097, 0.1992.



This preview shows how white text looks on a background with the Yxy color 11.4347, 0.2097, 0.1992.

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

11.4347, 0.2097, 0.1992

Protanopia

11.4920, 0.2160, 0.2004

Deuteranopia

11.3831, 0.2049, 0.1997



Tritanopia

11.4638, 0.2323, 0.3083

Trichromacy



Original Color

11.4347, 0.2097, 0.1992

Protanomaly

11.3868, 0.2136, 0.1997

Deuteranomaly

11.4653, 0.2068, 0.2003

Tritanomaly

11.2572, 0.2218, 0.2600

Monochromacy



Original Color

11.4347, 0.2097, 0.1992

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.5976, 0.2653, 0.2749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4347, 0.2097, 0.1992 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(60, 94, 158)` looks like.

```
.text, #text, p{  
    color:rgb(60, 94, 158)  
}
```

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(60, 94, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 94, 158) }
```

Border

The CSS property to change the border of an element to Yxy 11.4347, 0.2097, 0.1992 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(60, 94, 158) }
```

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

```
.border{ border-color:rgb(60, 94, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 94, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 94, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 94, 158);  
box-shadow:4px 4px 4px 4px rgb(60, 94,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4347, 0.2097, 0.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 94, 158) }
```

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

```
.background{ background-color: rgb(60, 94,  
158) }
```

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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