

Converting Colors

$Yxy(37.2754, 0.2615, 0.2716)$

Have a look what the booklet for
Yxy(37.2754, 0.2615, 0.2716)
contains.

Yxy(37.1660, 0.2612, 0.2706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.1660, 0.2612, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	8EA5CF
RGB	142, 165, 207
RGB Percent	56%, 65%, 81%
CMY	0.4430, 0.3529, 0.1883
CMYK	0.31, 0.20, 0.00, 0.19
HSL	219°, 40%, 68%
HSV	219°, 31%, 81%
XYZ	35.8749, 37.1660, 64.3057
YIQ	162.9110, -27.1900, 8.1860

Conversions

Conversions Part 2

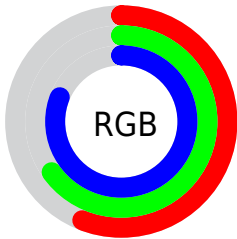
Format	Color
RYB	142, 159, 207
Decimal	9348559
CIELab	67.40, 1.86, -24.00
CIElCh	67, 24.077, 274.420
Yxy	37.1660, 0.2612, 0.2706
Android (android.graphics.Color)	4287538639 (0xFF8EA5CF)
YUV	162.9110, 21.7359, -18.3389
Hunter-Lab	60.9639, -1.6464, -19.8653

Details

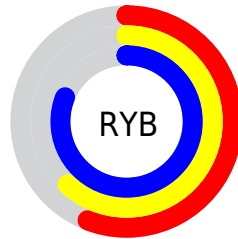
The Yxy color **37.1660, 0.2612, 0.2706** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.5060, 0.3676, 0.3811**, and the grayscale version is **36.4896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2767, 0.2759, 0.2909**, and **16.2838, 0.2457, 0.2521** is the 20% darker color. If you saturate the color by 10%, you get **30.9262, 0.2435, 0.2480**, and if you desaturate by 10%, it is **44.2537, 0.2785, 0.2913**.

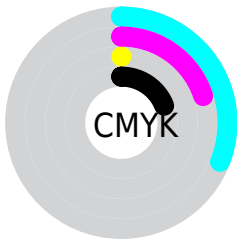
Distribution



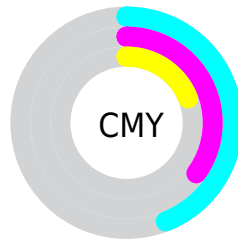
- Red (56%)
- Green (65%)
- Blue (81%)



- Red (56%)
- Yellow (62%)
- Blue (81%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1660, 0.2612, 0.2706 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 37.1660, 0.2612, 0.2706 by changing the saturation by 10% instead.

■ 37.1660, 0.2612,
0.2706

■ 37.1660, 0.2612,
0.2706

■ 334.0287, 0.2875,
0.3003

■ 25.3360, 0.2545,
0.2631

■ 70.8280, 0.2709,
0.2815

■ 16.3276, 0.2459,
0.2535

■ 93.4289, 0.2745,
0.2855

■ 9.7563, 0.2343,
0.2406

■ 120.3888, 0.2775,
0.2889

■ 5.2377, 0.2182,
0.2228

■ 152.0922, 0.2801,
0.2919

■ 2.3874, 0.1943,
0.1967

■ 188.9235, 0.2823,
0.2944

■ 0.8194, 0.1564,
0.1555

■ 231.2671, 0.2843,

■ 0.0000, 0.0000,

0.2966

0.0000

279.5074, 0.2860,
0.2985

■ 37.1660, 0.2612,
0.2706

■ 37.1660, 0.2612,
0.2706

■ 30.9262, 0.2435,
0.2480

■ 44.2537, 0.2785,
0.2913

■ 25.4955, 0.2259,
0.2240

■ 52.2170, 0.2951,
0.3101

■ 20.8386, 0.2092,
0.1992

■ 61.0879, 0.3106,
0.3268

■ 16.9152, 0.1939,
0.1743

■ 70.8951, 0.3251,
0.3416

■ 13.6808, 0.1810,
0.1504

■ 81.6661, 0.3384,
0.3546

■ 11.0845, 0.1709,
0.1286

■ 91.2366, 0.3428,
0.3670

■ 9.2946, 0.1644,
0.1119

■ 97.2844, 0.3412,
0.3761

Harmonies

Analogous

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



37.1660, 0.2465, 0.2832



37.1660, 0.2612, 0.2706



37.1660, 0.2897, 0.2726

Triad

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



37.1660, 0.2612, 0.2706



37.1660, 0.3819, 0.3419



37.1660, 0.2966, 0.3763

Complementary

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



37.1660, 0.2612, 0.2706



49.5060, 0.3676, 0.3811

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.



37.1660, 0.3328, 0.3931



37.1660, 0.2612, 0.2706



37.1660, 0.3832, 0.3702

Square

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



37.1660, 0.2612, 0.2706



37.1660, 0.3605, 0.3124



37.1660, 0.3648, 0.3898



37.1660, 0.2660, 0.3444

Rectangle

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



37.1660, 0.2612, 0.2706



37.1660, 0.3136, 0.2814



37.1660, 0.3648, 0.3898



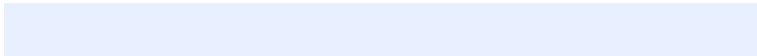
37.1660, 0.3085, 0.3840

Sweetspot

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



37.1675, 0.2612, 0.2706



86.8016, 0.2987, 0.3141



53.7989, 0.2823, 0.3613



18.1471, 0.2964, 0.3115



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.1675, 0.2612, 0.2706



52.3585, 0.2487, 0.2548



30.4088, 0.2646, 0.2391



12.0919, 0.2982, 0.3136



6.0191, 0.1651, 0.1144



0.4844, 0.1756, 0.1520

Inverse Universe

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



35.3348, 0.3584, 0.3001



49.5698, 0.3732, 0.2934



58.6236, 0.3525, 0.4087



11.8763, 0.3236, 0.3208



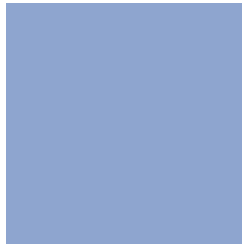
8.6789, 0.5546, 0.2829



0.5002, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 37.1660, 0.2612, 0.2706 looks on a white background.

Color Contrast Check

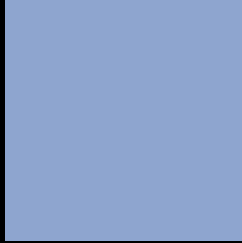
Large Text (above 18pt) WCAG AA × Fail

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 37.1660, 0.2612, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

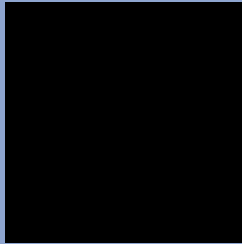
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

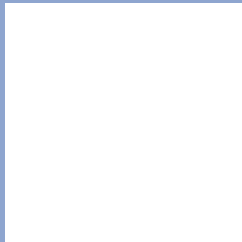
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1660, 0.2612, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 37.1660, 0.2612, 0.2706.



This preview shows how white text looks on a background with the Yxy color 37.1660, 0.2612, 0.2706.

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

37.1660, 0.2612, 0.2706

Protanopia

37.0207, 0.2705, 0.2701

Deuteranopia

37.2119, 0.2715, 0.2656



Tritanopia

37.1132, 0.2745, 0.3083

Trichromacy



Original Color

37.1660, 0.2612, 0.2706

Protanomaly

37.0402, 0.2668, 0.2698

Deuteranomaly

37.0701, 0.2676, 0.2663

Tritanomaly

37.3000, 0.2696, 0.2943

Monochromacy



Original Color

37.1660, 0.2612, 0.2706

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7742, 0.2920, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1660, 0.2612, 0.2706 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(142, 165, 207)` looks like.

```
.text, #text, p{  
    color:rgb(142, 165, 207)  
}
```

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(142, 165, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 165, 207) }
```

Border

The CSS property to change the border of an element to Yxy 37.1660, 0.2612, 0.2706 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(142, 165, 207) }
```

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

```
.border{ border-color:rgb(142, 165, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 165, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 165, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 165, 207);  
box-shadow:4px 4px 4px 4px rgb(142, 165,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1660, 0.2612, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 165, 207) }
```

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

```
.background{ background-color: rgb(142,  
165, 207) }
```

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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