

Converting Colors

$Yxy(37.1257, 0.2264, 0.2572)$

Have a look what the booklet for
Yxy(37.1257, 0.2264, 0.2572)
contains.

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Color

Yxy(37.2658, 0.2266, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	60ACDE
RGB	96, 172, 222
RGB Percent	38%, 67%, 87%
CMY	0.6232, 0.3255, 0.1294
CMYK	0.57, 0.23, 0.00, 0.13
HSL	204°, 66%, 62%
HSV	204°, 57%, 87%
XYZ	32.7685, 37.2658, 74.5750
YIQ	154.9760, -61.3460, -0.5620

Conversions

Conversions Part 2

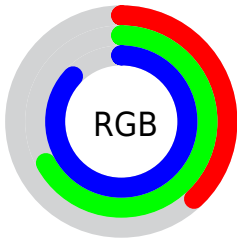
Format	Color
R_{YB}	96, 143, 222
Decimal	6335710
CIE _{Lab}	67.48, -9.21, -32.37
CIE _{LCh}	67, 33.657, 254.114
Yxy	37.2658, 0.2266, 0.2577
Android (android.graphics.Color)	4284525790 (0xFF60ACDE)
YUV	154.9760, 33.0428, -51.7220
Hunter-Lab	61.0457, -11.0138, -29.6981

Details

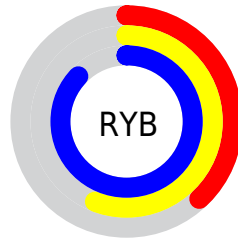
The Yxy color **37.2658, 0.2266, 0.2577** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **36.9679, 0.4455, 0.3871**, and the grayscale version is **32.6489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1267, 0.2534, 0.2967**, and **16.4296, 0.2027, 0.2364** is the 20% darker color. If you saturate the color by 10%, you get **32.9809, 0.2141, 0.2424**, and if you desaturate by 10%, it is **42.1162, 0.2405, 0.2725**.

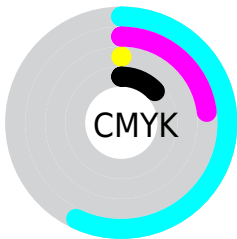
Distribution



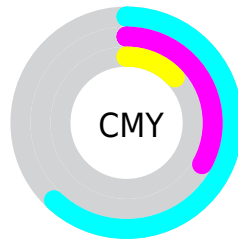
- Red (38%)
- Green (67%)
- Blue (87%)



- Red (38%)
- Yellow (56%)
- Blue (87%)



- Cyan (57%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2658, 0.2266, 0.2577 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 37.2658, 0.2266, 0.2577 by changing the saturation by 10% instead.

■ 37.2658, 0.2266,
0.2577

■ 37.2658, 0.2266,
0.2577

■ 334.4599, 0.2695,
0.2943

■ 25.4134, 0.2161,
0.2485

■ 70.9814, 0.2421,
0.2711

■ 16.3853, 0.2029,
0.2366

■ 93.6133, 0.2479,
0.2761

■ 9.7972, 0.1858,
0.2209

■ 120.6072, 0.2529,
0.2804

■ 5.2647, 0.1630,
0.1995

■ 152.3475, 0.2571,
0.2840

■ 2.4034, 0.1317,
0.1689

■ 189.2185, 0.2609,
0.2871

■ 0.8276, 0.0845,
0.1244

■ 231.6046, 0.2641,

■ 0.0000, 0.0000,

0.2898

0.0000

279.8903, 0.2670,
0.2922

■ 37.2658, 0.2266,
0.2577

■ 37.2658, 0.2266,
0.2577

■ 32.9809, 0.2141,
0.2424

■ 42.1162, 0.2405,
0.2725

■ 29.2238, 0.2034,
0.2269

■ 47.5581, 0.2555,
0.2864

■ 25.9569, 0.1948,
0.2115

■ 53.6206, 0.2710,
0.2995

■ 23.1317, 0.1884,
0.1965

■ 60.3291, 0.2868,
0.3115

■ 22.2741, 0.1866,
0.1916

■ 67.7074, 0.3024,
0.3223

■ 75.7779, 0.3177,
0.3321

■ 84.5619, 0.3324,
0.3408

■ 90.3591, 0.3337,
0.3493

■ 95.7514, 0.3326,
0.3577

Harmonies

Analogous

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



37.2658, 0.2215, 0.2871



37.2658, 0.2266, 0.2577



37.2658, 0.2525, 0.2483

Triad

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



37.2658, 0.2266, 0.2577



37.2658, 0.3920, 0.3178



37.2658, 0.3231, 0.4160

Complementary

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



37.2658, 0.2266, 0.2577



36.9679, 0.4455, 0.3871

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.



37.2658, 0.3711, 0.4184



37.2658, 0.2266, 0.2577



37.2658, 0.4134, 0.3579

Square

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



37.2658, 0.2266, 0.2577



37.2658, 0.3474, 0.2823



37.2658, 0.4049, 0.3949



37.2658, 0.2745, 0.3833

Rectangle

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



37.2658, 0.2266, 0.2577



37.2658, 0.2798, 0.2525



37.2658, 0.4049, 0.3949



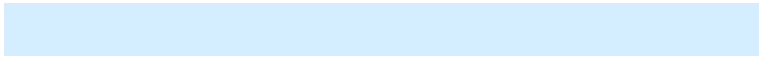
37.2658, 0.3398, 0.4202

Sweetspot

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



37.2671, 0.2266, 0.2577



82.1863, 0.2861, 0.3110



56.7611, 0.2806, 0.4422



17.1793, 0.2829, 0.3086



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.



37.2671, 0.2266, 0.2577



44.1648, 0.2120, 0.2396



19.0880, 0.2071, 0.1670



14.6109, 0.2981, 0.3195



13.4527, 0.1872, 0.1938



1.1059, 0.1936, 0.2169

Inverse Universe

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



26.8914, 0.3774, 0.2430



30.7848, 0.3976, 0.2305



61.1545, 0.4023, 0.4503



13.8386, 0.3198, 0.3150



10.2661, 0.4523, 0.2265



0.7291, 0.4266, 0.2124

Previews

White Background



This preview shows how the Yxy color 37.2658, 0.2266, 0.2577 looks on a white background.

Color Contrast Check

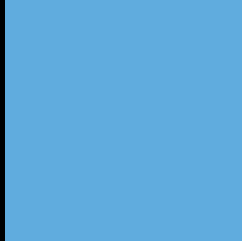
Large Text (above 18pt) WCAG AA × Fail

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 37.2658, 0.2266, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

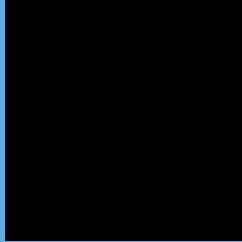
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

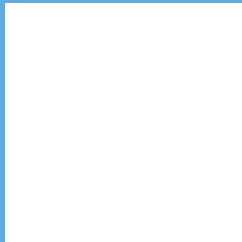
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2658, 0.2266, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 37.2658, 0.2266, 0.2577.

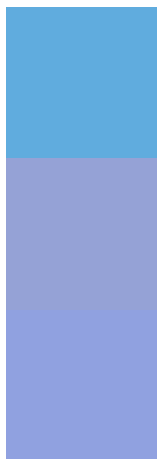


This preview shows how white text looks on a background with the Yxy color 37.2658, 0.2266, 0.2577.

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

37.2658, 0.2266, 0.2577

Protanopia

37.0853, 0.2613, 0.2587

Deuteranopia

36.8008, 0.2511, 0.2451



Tritanopia

37.1349, 0.2377, 0.3055

Trichromacy



Original Color

37.2658, 0.2266, 0.2577

Protanomaly

37.0280, 0.2468, 0.2584

Deuteranomaly

36.7500, 0.2412, 0.2495

Tritanomaly

37.0464, 0.2332, 0.2866

Monochromacy



Original Color

37.2658, 0.2266, 0.2577

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.8127, 0.2740, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2658, 0.2266, 0.2577 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(96, 172, 222)` looks like.

```
.text, #text, p{  
    color:rgb(96, 172, 222)  
}
```

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(96, 172, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 172, 222) }
```

Border

The CSS property to change the border of an element to Yxy 37.2658, 0.2266, 0.2577 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(96, 172, 222) }
```

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

```
.border{ border-color:rgb(96, 172, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 172, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 172, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 172, 222);  
box-shadow:4px 4px 4px 4px rgb(96, 172,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2658, 0.2266, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 172, 222) }
```

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

```
.background{ background-color: rgb(96, 172,  
222) }
```

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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