

Converting Colors

$Y_{xy}(57.6083, 0.2410, 0.3012)$

Have a look what the booklet for
Yxy(57.6083, 0.2410, 0.3012)
contains.

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Color

Yxy(57.7361, 0.2412, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	73D6EB
RGB	115, 214, 235
RGB Percent	45%, 84%, 92%
CMY	0.5491, 0.1608, 0.0783
CMYK	0.51, 0.09, 0.00, 0.08
HSL	191°, 75%, 69%
HSV	191°, 51%, 92%
XYZ	46.1124, 57.7361, 87.3306
YIQ	186.7930, -65.7450, -14.4570

Conversions

Conversions Part 2

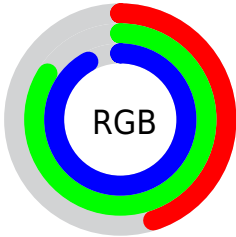
Format	Color
R _Y B	115, 169, 235
Decimal	7591659
CIE Lab	80.59, -23.46, -19.29
CIE LCh	81, 30.370, 219.420
Yxy	57.7361, 0.2412, 0.3020
Android (android.graphics.Color)	4285781739 (0xFF73D6EB)
YUV	186.7930, 23.7661, -62.9625
Hunter-Lab	75.9843, -24.6466, -14.9545

Details

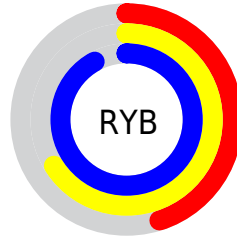
The Yxy color **57.7361, 0.2412, 0.3020** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.5125, 0.4460, 0.3528**, and the grayscale version is **49.4614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **28.7548, 0.2242, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **54.2862, 0.2309, 0.2958**, and if you desaturate by 10%, it is **61.6491, 0.2531, 0.3080**.

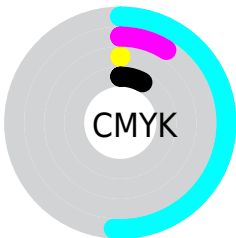
Distribution



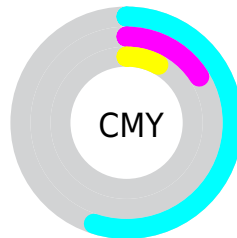
- Red (45%)
- Green (84%)
- Blue (92%)



- Red (45%)
- Yellow (66%)
- Blue (92%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (55%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7361, 0.2412, 0.3020 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 57.7361, 0.2412, 0.3020 by changing the saturation by 10% instead.

■ 57.7361, 0.2412,
0.3020

■ 57.7361, 0.2412,
0.3020

416.2019, 0.2747,
0.3158

■ 41.5965, 0.2335,
0.2985

■ 101.5385, 0.2529,
0.3071

■ 28.7855, 0.2240,
0.2940

■ 129.9700, 0.2574,
0.3090

■ 18.9186, 0.2120,
0.2881

■ 163.2677, 0.2613,
0.3105

■ 11.6115, 0.1964,
0.2799

201.8159, 0.2646,
0.3119

■ 6.4797, 0.1755,
0.2680

245.9991, 0.2676,
0.3131

■ 3.1389, 0.1462,
0.2494

296.2015, 0.2702,

■ 1.2047, 0.0984,

0.3141

0.2187

352.8076, 0.2726,
0.3150

0.0655, 0.0000,
0.0420

0.0000, 0.0000,
0.0000

57.7361, 0.2412,
0.3020

57.7361, 0.2412,
0.3020

54.2862, 0.2309,
0.2958

61.6491, 0.2531,
0.3080

51.2609, 0.2225,
0.2895


66.0472, 0.2664,
0.3137


48.6259, 0.2160,
0.2831


70.9586, 0.2806,
0.3191

46.3375, 0.2114,
0.2768

76.4074, 0.2956,
0.3240


 44.5252, 0.2087,
0.2712

 82.4160, 0.3110,
0.3285

 88.8165, 0.3259,
0.3326

 91.2500, 0.3255,
0.3366

 93.7387, 0.3251,
0.3406

 96.2829, 0.3247,
0.3445

Harmonies

Analogous

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



57.7361, 0.2576, 0.3391



57.7361, 0.2412, 0.3020



57.7361, 0.2425, 0.2758

Triad

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



57.7361, 0.2412, 0.3020



57.7361, 0.3339, 0.2881



57.7361, 0.3642, 0.3972

Complementary

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



57.7361, 0.2412, 0.3020



36.5125, 0.4460, 0.3528

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.



57.7361, 0.3875, 0.3779



57.7361, 0.2412, 0.3020



57.7361, 0.3699, 0.3160

Square

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



57.7361, 0.2412, 0.3020



57.7361, 0.2938, 0.2699



57.7361, 0.3900, 0.3481



57.7361, 0.3278, 0.3976

Rectangle

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



57.7361, 0.2412, 0.3020



57.7361, 0.2530, 0.2668



57.7361, 0.3900, 0.3481



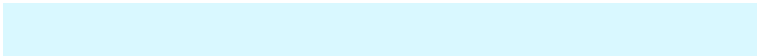
57.7361, 0.3739, 0.3925

Sweetspot

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



57.7383, 0.2412, 0.3020



89.2539, 0.2896, 0.3221



64.8244, 0.2956, 0.4656



18.8070, 0.2864, 0.3210



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.



57.7383, 0.2412, 0.3020



65.2530, 0.2307, 0.2957



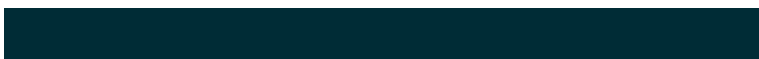
33.0837, 0.2251, 0.2204



16.6469, 0.2981, 0.3248



24.9424, 0.2089, 0.2722



2.0764, 0.2114, 0.2809

Inverse Universe

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



34.7784, 0.3392, 0.2246



35.8573, 0.3460, 0.2078



57.9390, 0.4086, 0.4162



15.2659, 0.3165, 0.3098



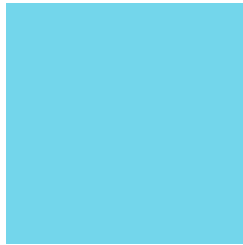
12.0108, 0.3708, 0.1816



0.9550, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 57.7361, 0.2412, 0.3020 looks on a white background.

Color Contrast Check

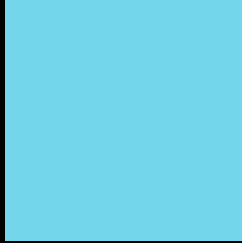
Large Text (above 18pt) WCAG AA × Fail

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 57.7361, 0.2412, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

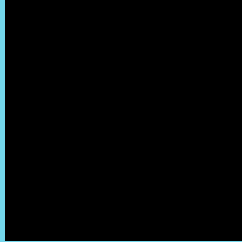
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7361, 0.2412, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 57.7361, 0.2412, 0.3020.



This preview shows how white text looks on a background with the Yxy color 57.7361, 0.2412, 0.3020.

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

57.7361, 0.2412, 0.3020

Protanopia

56.9164, 0.2922, 0.2974

Deuteranopia

56.8213, 0.2843, 0.2778



Tritanopia

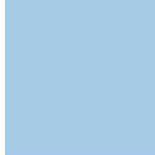
58.0045, 0.2424, 0.3070

Trichromacy



Original Color

57.7361, 0.2412, 0.3020



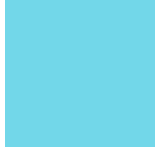
Protanomaly

56.4203, 0.2701, 0.2984



Deuteranomaly

56.2712, 0.2654, 0.2846



Tritanomaly

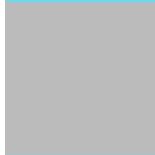
58.0615, 0.2420, 0.3058

Monochromacy



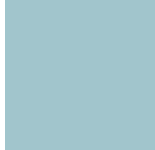
Original Color

57.7361, 0.2412, 0.3020



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.8692, 0.2810, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7361, 0.2412, 0.3020 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(115, 214, 235)` looks like.

```
.text, #text, p{  
    color:rgb(115, 214, 235)  
}
```

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(115, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 214, 235) }
```

Border

The CSS property to change the border of an element to Yxy 57.7361, 0.2412, 0.3020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

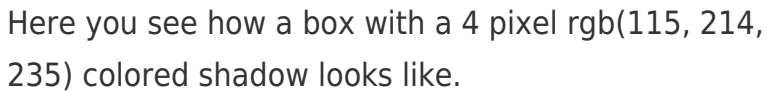
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 214, 235) }
```

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

```
.border{ border-color:rgb(115, 214, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 214, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(115, 214,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7361, 0.2412, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 214, 235) }
```

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

```
.background{ background-color: rgb(115,  
214, 235) }
```

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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