

Converting Colors

$Y_{xy}(30.8262, 0.2614, 0.2477)$

Have a look what the booklet for
Yxy(30.8262, 0.2614, 0.2477)
contains.

Yxy(30.7570, 0.2609, 0.2468)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.7570, 0.2609, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	8F92CC
RGB	143, 146, 204
RGB Percent	56%, 57%, 80%
CMY	0.4390, 0.4275, 0.2000
CMYK	0.30, 0.28, 0.00, 0.20
HSL	237°, 37%, 68%
HSV	237°, 30%, 80%
XYZ	32.5142, 30.7570, 61.3520
YIQ	151.7150, -20.4060, 17.4020

Conversions

Conversions Part 2

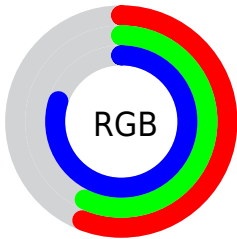
Format	Color
RYB	143, 146, 204
Decimal	9409228
CIELab	62.30, 12.18, -30.19
CIElCh	62, 32.552, 291.973
Yxy	30.7570, 0.2609, 0.2468
Android (android.graphics.Color)	4287599308 (0xFF8F92CC)
YUV	151.7150, 25.7765, -7.6431
Hunter-Lab	55.4590, 7.5967, -26.7688

Details

The Yxy color $30.7570, 0.2609, 0.2468$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $56.6372, 0.3584, 0.3998$, and the grayscale version is $31.1683, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.5343, 0.2749, 0.2684$, and $12.7919, 0.2440, 0.2229$ is the 20% darker color. If you saturate the color by 10%, you get $23.6115, 0.2404, 0.2138$, and if you desaturate by 10%, it is $39.2533, 0.2801, 0.2774$.

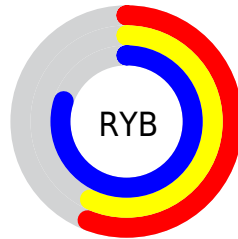
Distribution



Red (56%)

Green (57%)

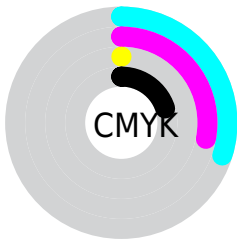
Blue (80%)



Red (56%)

Yellow (57%)

Blue (80%)

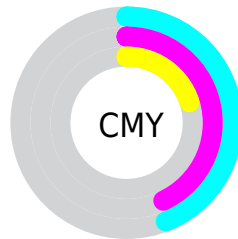


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (43%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.7570, 0.2609, 0.2468 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 30.7570, 0.2609, 0.2468 by changing the saturation by 10% instead.

■ 30.7570, 0.2609,
0.2468

■ 30.7570, 0.2609,
0.2468

■ 305.4173, 0.2884,
0.2887

■ 20.4139, 0.2536,
0.2363

■ 60.8573, 0.2712,
0.2621

■ 12.6963, 0.2440,
0.2227

■ 81.3832, 0.2750,
0.2678

■ 7.2197, 0.2309,
0.2049

■ 106.0723, 0.2782,
0.2727

■ 3.5999, 0.2122,
0.1803

■ 135.3088, 0.2808,
0.2768

■ 1.4524, 0.1837,
0.1453

■ 169.4771, 0.2831,
0.2804

■ 0.2548, 0.1350,
0.0637

■ 208.9617, 0.2851,

■ 0.0000, 0.0000,

0.2835

0.0000

254.1470, 0.2869,
0.2862

■ 30.7570, 0.2609,
0.2468

■ 30.7570, 0.2609,
0.2468

■ 23.6115, 0.2404,
0.2138

■ 39.2533, 0.2801,
0.2774

■ 17.7440, 0.2194,
0.1795

■ 49.1613, 0.2974,
0.3050

■ 13.0799, 0.1990,
0.1459

■ 60.5423, 0.3129,
0.3293

■ 9.5360, 0.1807,
0.1154

■ 73.4532, 0.3265,
0.3505

■ 7.0179, 0.1661,
0.0903

■ 87.9476, 0.3383,
0.3688

■ 5.4161, 0.1561,
0.0726

■ 97.1398, 0.3430,
0.3790

■ 4.5790, 0.1508,
0.0627

■ 4.5718, 0.1507,
0.0626

Harmonies

Analogous

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



30.7570, 0.2292, 0.2511



30.7570, 0.2609, 0.2468



30.7570, 0.3088, 0.2608

Triad

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



30.7570, 0.2609, 0.2468



30.7570, 0.4172, 0.3691



30.7570, 0.2619, 0.3723

Complementary

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



30.7570, 0.2609, 0.2468



56.6372, 0.3584, 0.3998

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.



30.7570, 0.3096, 0.4129



30.7570, 0.2609, 0.2468



30.7570, 0.4006, 0.4049

Square

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



30.7570, 0.2609, 0.2468



30.7570, 0.4031, 0.3280



30.7570, 0.3606, 0.4236



30.7570, 0.2294, 0.3196

Rectangle

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



30.7570, 0.2609, 0.2468



30.7570, 0.3447, 0.2787



30.7570, 0.3606, 0.4236



30.7570, 0.2766, 0.3883

Sweetspot

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



30.7582, 0.2609, 0.2468



82.7462, 0.2987, 0.3069



53.2485, 0.2718, 0.3329



17.1554, 0.2963, 0.3031



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.



30.7582, 0.2609, 0.2468



42.8834, 0.2475, 0.2252



32.6254, 0.2845, 0.2481



10.9287, 0.2982, 0.3062



2.9163, 0.1510, 0.0634



0.1813, 0.1541, 0.0748

Inverse Universe

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



34.5777, 0.3757, 0.3254



50.3375, 0.3960, 0.3246



54.4712, 0.3347, 0.4088



11.2222, 0.3283, 0.3279



8.0974, 0.6343, 0.3268



0.4209, 0.6154, 0.3164

Previews

White Background



This preview shows how the Yxy color 30.7570, 0.2609, 0.2468 looks on a white background.

Color Contrast Check

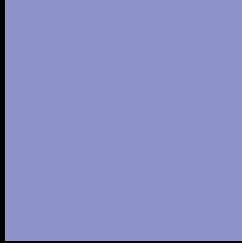
Large Text (above 18pt) WCAG AA × Fail

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 30.7570, 0.2609, 0.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

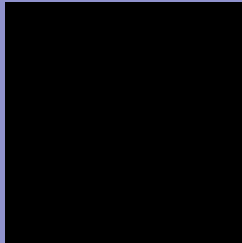
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7570, 0.2609, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 30.7570, 0.2609, 0.2468.



This preview shows how white text looks on a background with the Yxy color 30.7570, 0.2609, 0.2468.

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

30.7570, 0.2609, 0.2468

Protanopia

30.7044, 0.2527, 0.2458

Deuteranopia

30.6903, 0.2548, 0.2484



Tritanopia

30.6865, 0.2842, 0.3085

Trichromacy



Original Color

30.7570, 0.2609, 0.2468

Protanomaly

30.5936, 0.2555, 0.2460

Deuteranomaly

30.6303, 0.2570, 0.2474

Tritanomaly

30.5113, 0.2752, 0.2834

Monochromacy



Original Color

30.7570, 0.2609, 0.2468

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1425, 0.2927, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7570, 0.2609, 0.2468 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(143, 146, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 146, 204)  
}
```

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(143, 146, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 146, 204) }
```

Border

The CSS property to change the border of an element to Yxy 30.7570, 0.2609, 0.2468 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(143, 146, 204) }
```

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

```
.border{ border-color:rgb(143, 146, 204) }
```

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

Here you see how a box with a 4 pixel rgb(143, 146, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 146, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 146, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 146,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7570, 0.2609, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 146, 204) }
```

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

```
.background{ background-color: rgb(143,  
146, 204) }
```

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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