

Converting Colors

$Y_{xy}(30.1004, 0.2744, 0.2797)$

Have a look what the booklet for
Yxy(30.1004, 0.2744, 0.2797)
contains.

Yxy(30.2344, 0.2743, 0.2805)	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(30.2344, 0.2743, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	8A95B5
RGB	138, 149, 181
RGB Percent	54%, 58%, 71%
CMY	0.4589, 0.4156, 0.2902
CMYK	0.24, 0.18, 0.00, 0.29
HSL	225°, 23%, 63%
HSV	225°, 24%, 71%
XYZ	29.5661, 30.2344, 47.9870
YIQ	149.3590, -16.8280, 7.6200

Conversions

Conversions Part 2

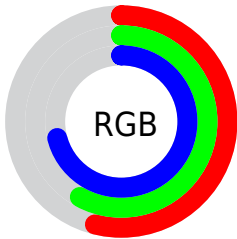
Format	Color
R _Y B	138, 147, 181
Decimal	9082293
CIE Lab	61.86, 3.20, -17.97
CIE LCh	62, 18.249, 280.091
Yxy	30.2344, 0.2743, 0.2805
Android (android.graphics.Color)	4287272373 (0xFF8A95B5)
YUV	149.3590, 15.5990, -9.9618
Hunter-Lab	54.9858, -0.2449, -13.2533

Details

The Yxy color **30.2344, 0.2743, 0.2805** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.3931, 0.3512, 0.3732**, and the grayscale version is **30.1518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0328, 0.2820, 0.2900**, and **12.3201, 0.2613, 0.2640** is the 20% darker color. If you saturate the color by 10%, you get **24.8026, 0.2563, 0.2562**, and if you desaturate by 10%, it is **36.4181, 0.2913, 0.3025**.

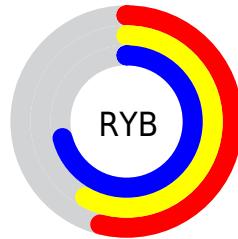
Distribution



Red (54%)

Green (58%)

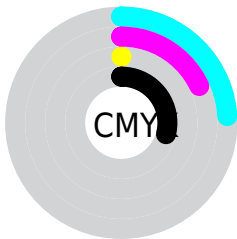
Blue (71%)



Red (54%)

Yellow (58%)

Blue (71%)

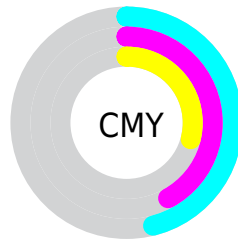


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2344, 0.2743, 0.2805 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 30.2344, 0.2743, 0.2805 by changing the saturation by 10% instead.

■ 30.2344, 0.2743,
0.2805

■ 30.2344, 0.2743,
0.2805

■ 302.9955, 0.2948,
0.3060

■ 20.0166, 0.2688,
0.2737

■ 60.0327, 0.2820,
0.2901

■ 12.4071, 0.2615,
0.2648

■ 80.3819, 0.2848,
0.2936

■ 7.0216, 0.2513,
0.2524

■ 104.8771, 0.2872,
0.2965

■ 3.4756, 0.2362,
0.2344

■ 133.9025, 0.2892,
0.2990

■ 1.3848, 0.2119,
0.2060

■ 167.8427, 0.2909,
0.3011

■ 0.2055, 0.1330,
0.0999

■ 207.0820, 0.2923,

■ 0.0000, 0.0000,

0.3030

0.0000

252.0048, 0.2936,
0.3046

■ 30.2344, 0.2743,
0.2805

■ 30.2344, 0.2743,
0.2805

■ 24.8026, 0.2563,
0.2562

■ 36.4181, 0.2913,
0.3025

■ 20.0896, 0.2377,
0.2300

■ 43.3778, 0.3071,
0.3222

■ 16.0651, 0.2192,
0.2024

■ 51.1409, 0.3216,
0.3396

■ 12.6954, 0.2016,
0.1745

■ 59.7325, 0.3347,
0.3548

■ 9.9433, 0.1858,
0.1474

■ 69.1765, 0.3465,
0.3681

■ 7.7678, 0.1727,
0.1226

■ 79.4959, 0.3571,
0.3797

■ 6.1219, 0.1631,
0.1015

■ 88.8308, 0.3598,
0.3912

■ 5.3209, 0.1584,
0.0903

■ 96.1157, 0.3567,
0.4018

Harmonies

Analogous

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



30.2344, 0.2597, 0.2890



30.2344, 0.2743, 0.2805



30.2344, 0.2995, 0.2842

Triad

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



30.2344, 0.2743, 0.2805



30.2344, 0.3702, 0.3447



30.2344, 0.2946, 0.3628

Complementary

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



30.2344, 0.2743, 0.2805



40.3931, 0.3512, 0.3732

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.



30.2344, 0.3238, 0.3792



30.2344, 0.2743, 0.2805



30.2344, 0.3683, 0.3668

Square

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



30.2344, 0.2743, 0.2805



30.2344, 0.3557, 0.3201



30.2344, 0.3510, 0.3801



30.2344, 0.2709, 0.3362

Rectangle

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



30.2344, 0.2743, 0.2805



30.2344, 0.3194, 0.2927



30.2344, 0.3510, 0.3801



30.2344, 0.3041, 0.3698

Sweetspot

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



30.2356, 0.2743, 0.2805



73.3568, 0.3020, 0.3159



41.3294, 0.2863, 0.3458



15.6957, 0.3011, 0.3147



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.2356, 0.2743, 0.2805



48.4272, 0.2641, 0.2669



27.8062, 0.2824, 0.2649



8.5726, 0.2985, 0.3116



3.7656, 0.1590, 0.0924



0.2143, 0.1746, 0.1485

Inverse Universe

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



30.1654, 0.3488, 0.3135



48.5338, 0.3605, 0.3095



43.5305, 0.3387, 0.3891



8.5398, 0.3248, 0.3232



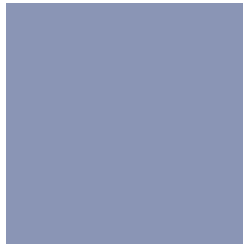
6.9203, 0.5875, 0.3010



0.2274, 0.5078, 0.2571

Previews

White Background



This preview shows how the Yxy color 30.2344, 0.2743, 0.2805 looks on a white background.

Color Contrast Check

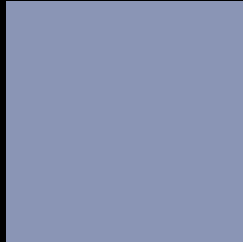
Large Text (above 18pt) WCAG AA × Fail

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 30.2344, 0.2743, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

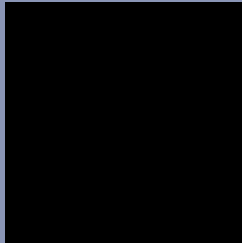
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

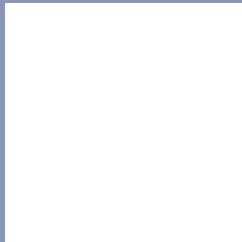
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2344, 0.2743, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 30.2344, 0.2743, 0.2805.

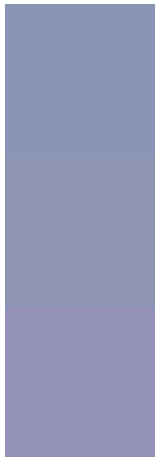


This preview shows how white text looks on a background with the Yxy color 30.2344, 0.2743, 0.2805.

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

30.2344, 0.2743, 0.2805

Protanopia

30.2259, 0.2785, 0.2808

Deuteranopia

30.2311, 0.2822, 0.2758



Tritanopia

30.2877, 0.2858, 0.3100

Trichromacy



Original Color

30.2344, 0.2743, 0.2805

Protanomaly

30.1378, 0.2776, 0.2807

Deuteranomaly

30.1741, 0.2786, 0.2767

Tritanomaly

30.2697, 0.2816, 0.2994

Monochromacy



Original Color

30.2344, 0.2743, 0.2805

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0878, 0.2977, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2344, 0.2743, 0.2805 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(138, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 181)  
}
```

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(138, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 181) }
```

Border

The CSS property to change the border of an element to Yxy 30.2344, 0.2743, 0.2805 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(138, 149, 181) }
```

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

```
.border{ border-color:rgb(138, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
181) }
```


Background

The CSS property to change the background color of an element to `rgb(30.2344, 0.2743, 0.2805)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 181) }
```

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

```
.background{ background-color: rgb(138,  
149, 181) }
```

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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