

Converting Colors

$Y_{xy}(30.5836, 0.2765, 0.2589)$

Have a look what the booklet for
Yxy(30.5836, 0.2765, 0.2589)
contains.

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Color

Yxy(30.4722, 0.2767, 0.2590)

Conversions

Conversions Part 1

Format	Color
Hex	9890C1
RGB	152, 144, 193
RGB Percent	60%, 56%, 76%
CMY	0.4038, 0.4353, 0.2431
CMYK	0.21, 0.25, 0.00, 0.24
HSL	250°, 28%, 66%
HSV	250°, 25%, 76%
XYZ	32.5547, 30.4722, 54.6264
YIQ	151.9780, -10.9610, 16.9350

Conversions

Conversions Part 2

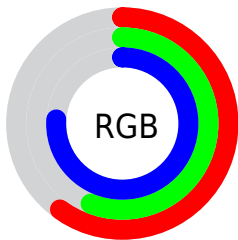
Format	Color
R_{YB}	152, 144, 193
Decimal	9998529
CIE _{Lab}	62.06, 13.37, -24.33
CIE _{LCh}	62, 27.765, 298.786
Yxy	30.4722, 0.2767, 0.2590
Android (android.graphics.Color)	4288188609 (0xFF9890C1)
YUV	151.9780, 20.2238, 0.0193
Hunter-Lab	55.2016, 8.6659, -20.0310

Details

The Yxy color $30.4722, 0.2767, 0.2590$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $50.4695, 0.3436, 0.3931$, and the grayscale version is $31.3071, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.5557, 0.2839, 0.2721$, and $12.5788, 0.2645, 0.2391$ is the 20% darker color. If you saturate the color by 10%, you get $23.6658, 0.2594, 0.2268$, and if you desaturate by 10%, it is $38.4923, 0.2923, 0.2888$.

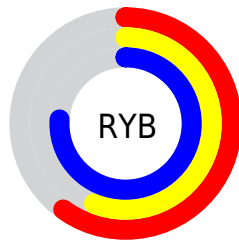
Distribution



Red (60%)

Green (56%)

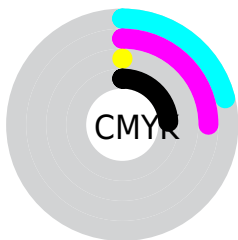
Blue (76%)



Red (60%)

Yellow (56%)

Blue (76%)

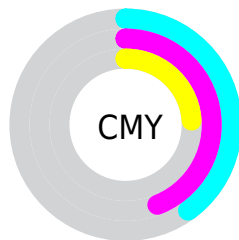


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4722, 0.2767, 0.2590 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 30.4722, 0.2767, 0.2590 by changing the saturation by 10% instead.

■ 30.4722, 0.2767,
0.2590

■ 30.4722, 0.2767,
0.2590

■ 304.0993, 0.2961,
0.2949

■ 20.1973, 0.2714,
0.2498

■ 60.4081, 0.2841,
0.2722

■ 12.5385, 0.2644,
0.2379

■ 80.8379, 0.2868,
0.2771

■ 7.1116, 0.2546,
0.2220

■ 105.4215, 0.2890,
0.2813

■ 3.5320, 0.2401,
0.1997

■ 134.5432, 0.2908,
0.2848

■ 1.4154, 0.2170,
0.1667

■ 168.5874, 0.2924,
0.2878

■ 0.2280, 0.1755,
0.0737

■ 207.9386, 0.2938,

■ 0.0000, 0.0000,

0.2905

0.0000

252.9811, 0.2950,
0.2928

■ 30.4722, 0.2767,
0.2590

■ 30.4722, 0.2767,
0.2590

■ 23.6658, 0.2594,
0.2268

■ 38.4923, 0.2923,
0.2888

■ 18.0102, 0.2407,
0.1932

■ 47.7776, 0.3061,
0.3157

■ 13.4421, 0.2214,
0.1597

■ 58.3811, 0.3180,
0.3396

■ 9.8907, 0.2025,
0.1284

■ 70.3519, 0.3282,
0.3607

■ 7.2769, 0.1853,
0.1014

■ 83.7362, 0.3370,
0.3791

■ 5.5095, 0.1710,
0.0810

■ 95.4789, 0.3454,
0.3908

■ 4.4775, 0.1605,
0.0680

■ 96.6309, 0.3496,
0.3899

■ 4.1533, 0.1569,
0.0638

Harmonies

Analogous

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



30.4722, 0.2452, 0.2593



30.4722, 0.2767, 0.2590



30.4722, 0.3201, 0.2745

Triad

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



30.4722, 0.2767, 0.2590



30.4722, 0.4012, 0.3723



30.4722, 0.2614, 0.3560

Complementary

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



30.4722, 0.2767, 0.2590



50.4695, 0.3436, 0.3931

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.



30.4722, 0.3006, 0.3939



30.4722, 0.2767, 0.2590



30.4722, 0.3822, 0.4000

Square

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



30.4722, 0.2767, 0.2590



30.4722, 0.3949, 0.3370



30.4722, 0.3449, 0.4098



30.4722, 0.2367, 0.3120

Rectangle

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



30.4722, 0.2767, 0.2590



30.4722, 0.3504, 0.2919



30.4722, 0.3449, 0.4098



30.4722, 0.2732, 0.3703

Sweetspot

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



30.4734, 0.2767, 0.2590



80.7943, 0.3025, 0.3087



44.7544, 0.2750, 0.3187



16.7799, 0.3004, 0.3046



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.4734, 0.2767, 0.2590



48.1243, 0.2681, 0.2429



33.0073, 0.2990, 0.2634



9.8257, 0.3008, 0.3054



2.7857, 0.1577, 0.0642



0.1458, 0.1768, 0.0747

Inverse Universe

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



34.7836, 0.3233, 0.2762



57.0869, 0.3258, 0.2654



47.7524, 0.3232, 0.3975



10.2182, 0.3162, 0.3100



9.2692, 0.3668, 0.1794



0.4082, 0.3550, 0.1729

Previews

White Background



This preview shows how the Yxy color 30.4722, 0.2767, 0.2590 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 30.4722, 0.2767, 0.2590 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 30.4722, 0.2767, 0.2590

Background



This preview shows how black text looks on a background with the Yxy color 30.4722, 0.2767, 0.2590.



This preview shows how white text looks on a background with the Yxy color 30.4722, 0.2767, 0.2590.

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

30.4722, 0.2767, 0.2590

Protanopia

30.4837, 0.2620, 0.2587

Deuteranopia

30.4240, 0.2690, 0.2631



Tritanopia

30.5323, 0.2977, 0.3105

Trichromacy



Original Color

30.4722, 0.2767, 0.2590

Protanomaly

30.5584, 0.2667, 0.2593

Deuteranomaly

30.4745, 0.2723, 0.2622

Tritanomaly

30.4928, 0.2899, 0.2914

Monochromacy



Original Color

30.4722, 0.2767, 0.2590

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9603, 0.2991, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4722, 0.2767, 0.2590 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(152, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(152, 144, 193)  
}
```

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(152, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 144, 193) }
```

Border

The CSS property to change the border of an element to Yxy 30.4722, 0.2767, 0.2590 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(152, 144, 193) }
```

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

```
.border{ border-color:rgb(152, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(152, 144,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4722, 0.2767, 0.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 144, 193) }
```

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

```
.background{ background-color: rgb(152,  
144, 193) }
```

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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