

Converting Colors

$Y_{xy}(32.1928, 0.2751, 0.2752)$

Have a look what the booklet for
Yxy(32.1928, 0.2751, 0.2752)
contains.

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Color

Yxy(32.2416, 0.2754, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	9298BD
RGB	146, 152, 189
RGB Percent	57%, 60%, 74%
CMY	0.4274, 0.4039, 0.2589
CMYK	0.23, 0.20, 0.00, 0.26
HSL	232°, 25%, 66%
HSV	232°, 23%, 74%
XYZ	32.2650, 32.2416, 52.6503
YIQ	154.4240, -15.4530, 10.2350

Conversions

Conversions Part 2

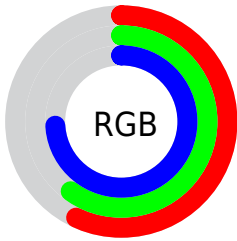
Format	Color
R _Y B	146, 151, 189
Decimal	9607357
CIE Lab	63.54, 5.94, -19.84
CIE LCh	64, 20.708, 286.667
Yxy	32.2416, 0.2754, 0.2752
Android (android.graphics.Color)	4287797437 (0xFF9298BD)
YUV	154.4240, 17.0460, -7.3878
Hunter-Lab	56.7817, 2.0610, -15.2290

Details

The Yxy color **32.2416, 0.2754, 0.2752** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.7437, 0.3481, 0.3776**, and the grayscale version is **32.4399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0145, 0.2827, 0.2856**, and **13.5178, 0.2631, 0.2574** is the 20% darker color. If you saturate the color by 10%, you get **25.7313, 0.2566, 0.2471**, and if you desaturate by 10%, it is **39.7640, 0.2928, 0.3007**.

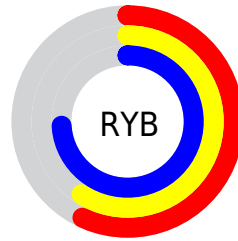
Distribution



Red (57%)

Green (60%)

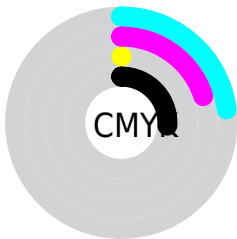
Blue (74%)



Red (57%)

Yellow (59%)

Blue (74%)

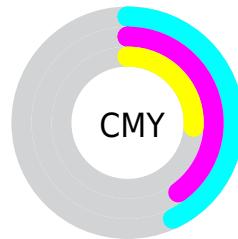


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.2416, 0.2754, 0.2752 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 32.2416, 0.2754, 0.2752 by changing the saturation by 10% instead.

■ 32.2416, 0.2754,
0.2752

■ 32.2416, 0.2754,
0.2752

■ 312.2183, 0.2951,
0.3031

■ 21.5461, 0.2701,
0.2680

■ 63.1896, 0.2828,
0.2855

■ 13.5238, 0.2632,
0.2585

■ 84.2110, 0.2855,
0.2893

■ 7.7902, 0.2536,
0.2457

■ 109.4431, 0.2878,
0.2926

■ 3.9610, 0.2396,
0.2275

■ 139.2703, 0.2897,
0.2953

■ 1.6518, 0.2175,
0.1996

■ 174.0770, 0.2913,
0.2976

■ 0.3921, 0.1727,
0.1308

■ 214.2477, 0.2928,

■ 0.0000, 0.0000,

0.2997

0.0000

260.1667, 0.2940,
0.3015

■ 32.2416, 0.2754,
0.2752

■ 32.2416, 0.2754,
0.2752

■ 25.7313, 0.2566,
0.2471

■ 39.7640, 0.2928,
0.3007

■ 20.1859, 0.2368,
0.2168

■ 48.3353, 0.3087,
0.3233

■ 15.5603, 0.2169,
0.1854

■ 57.9951, 0.3228,
0.3432

■ 11.8040, 0.1978,
0.1542

■ 68.7799, 0.3354,
0.3605

■ 8.8620, 0.1808,
0.1251

■ 80.7245, 0.3465,
0.3754

■ 6.6724, 0.1671,
0.1001

■ 93.0209, 0.3532,
0.3890

■ 5.1641, 0.1576,
0.0809

■ 96.4529, 0.3520,
0.3939

■ 4.4300, 0.1530,
0.0709

Harmonies

Analogous

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



32.2416, 0.2564, 0.2814



32.2416, 0.2754, 0.2752



32.2416, 0.3050, 0.2821

Triad

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



32.2416, 0.2754, 0.2752



32.2416, 0.3778, 0.3519



32.2416, 0.2860, 0.3608

Complementary

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



32.2416, 0.2754, 0.2752



46.7437, 0.3481, 0.3776

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.



32.2416, 0.3177, 0.3824



32.2416, 0.2754, 0.2752



32.2416, 0.3715, 0.3750

Square

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



32.2416, 0.2754, 0.2752



32.2416, 0.3655, 0.3248



32.2416, 0.3491, 0.3871



32.2416, 0.2622, 0.3299

Rectangle

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



32.2416, 0.2754, 0.2752



32.2416, 0.3274, 0.2929



32.2416, 0.3491, 0.3871



32.2416, 0.2960, 0.3696

Sweetspot

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



32.2429, 0.2754, 0.2752



79.6459, 0.3020, 0.3137



45.8935, 0.2838, 0.3379



16.9292, 0.3010, 0.3124



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.2429, 0.2754, 0.2752



52.0704, 0.2667, 0.2623



31.8126, 0.2885, 0.2686



9.4347, 0.2984, 0.3086



3.0496, 0.1534, 0.0723



0.1897, 0.1631, 0.1073

Inverse Universe

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



33.6408, 0.3523, 0.3209



55.1265, 0.3631, 0.3192



47.4494, 0.3333, 0.3874



9.5575, 0.3267, 0.3258



7.3375, 0.6194, 0.3186



0.2945, 0.5651, 0.2886

Previews

White Background



This preview shows how the Yxy color 32.2416, 0.2754, 0.2752 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 32.2416, 0.2754, 0.2752 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

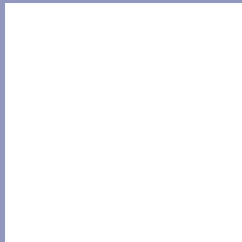
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.2416, 0.2754, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 32.2416, 0.2754, 0.2752.



This preview shows how white text looks on a background with the Yxy color 32.2416, 0.2754, 0.2752.

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

32.2416, 0.2754, 0.2752

Protanopia

32.1503, 0.2745, 0.2750

Deuteranopia

32.3866, 0.2796, 0.2743



Tritanopia

32.3549, 0.2891, 0.3106

Trichromacy



Original Color

32.2416, 0.2754, 0.2752

Protanomaly

32.1503, 0.2745, 0.2750

Deuteranomaly

32.1969, 0.2779, 0.2741

Tritanomaly

32.4169, 0.2833, 0.2974

Monochromacy



Original Color

32.2416, 0.2754, 0.2752

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.1518, 0.2982, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2416, 0.2754, 0.2752 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(146, 152, 189)` looks like.

```
.text, #text, p{  
    color:rgb(146, 152, 189)  
}
```

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(146, 152, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 152, 189) }
```

Border

The CSS property to change the border of an element to Yxy 32.2416, 0.2754, 0.2752 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(146, 152, 189) }
```

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

```
.border{ border-color:rgb(146, 152, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 152, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 152, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 152, 189);  
box-shadow:4px 4px 4px 4px rgb(146, 152,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2416, 0.2754, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 152, 189) }
```

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

```
.background{ background-color: rgb(146,  
152, 189) }
```

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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