

Converting Colors

$Yxy(32.5656, 0.2606, 0.2598)$

Have a look what the booklet for
Yxy(32.5656, 0.2606, 0.2598)
contains.

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Color

Yxy(32.4885, 0.2609, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	8B99C9
RGB	139, 153, 201
RGB Percent	55%, 60%, 79%
CMY	0.4550, 0.3999, 0.2119
CMYK	0.31, 0.24, 0.00, 0.21
HSL	226°, 36%, 67%
HSV	226°, 31%, 79%
XYZ	32.5759, 32.4885, 59.7953
YIQ	154.2860, -23.7520, 11.9600

Conversions

Conversions Part 2

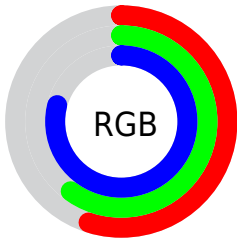
Format	Color
R _Y B	139, 150, 201
Decimal	9148873
CIE Lab	63.74, 6.18, -26.29
CIE LCh	64, 27.008, 283.234
Yxy	32.4885, 0.2609, 0.2602
Android (android.graphics.Color)	4287338953 (0xFF8B99C9)
YUV	154.2860, 23.0300, -13.4058
Hunter-Lab	56.9987, 2.2687, -22.3000

Details

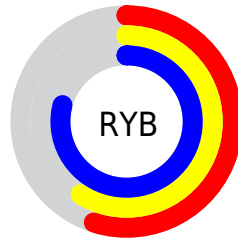
The Yxy color **32.4885, 0.2609, 0.2602** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.7927, 0.3636, 0.3894**, and the grayscale version is **32.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3150, 0.2729, 0.2759**, and **13.6356, 0.2443, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **26.1532, 0.2420, 0.2332**, and if you desaturate by 10%, it is **39.8075, 0.2790, 0.2851**.

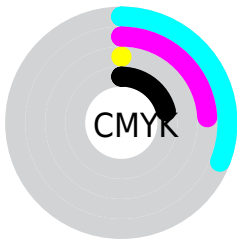
Distribution



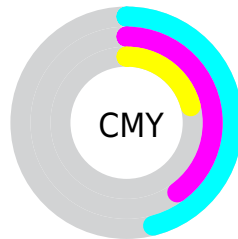
- Red (55%)
- Green (60%)
- Blue (79%)



- Red (55%)
- Yellow (59%)
- Blue (79%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4885, 0.2609, 0.2602 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 32.4885, 0.2609, 0.2602 by changing the saturation by 10% instead.

■ 32.4885, 0.2609,
0.2602

■ 32.4885, 0.2609,
0.2602

■ 313.3385, 0.2880,
0.2955

■ 21.7349, 0.2538,
0.2512

■ 63.5761, 0.2710,
0.2732

■ 13.6622, 0.2445,
0.2396

■ 84.6789, 0.2747,
0.2780

■ 7.8861, 0.2319,
0.2240

■ 110.0003, 0.2779,
0.2821

■ 4.0222, 0.2139,
0.2024

■ 139.9245, 0.2805,
0.2856

■ 1.6860, 0.1867,
0.1706

■ 174.8361, 0.2828,
0.2885

■ 0.4145, 0.1380,
0.1050

■ 215.1193, 0.2848,

■ 0.0000, 0.0000,

0.2912

0.0000

261.1587, 0.2865,
0.2935

■ 32.4885, 0.2609,
0.2602

■ 32.4885, 0.2609,
0.2602

■ 26.1532, 0.2420,
0.2332

■ 39.8075, 0.2790,
0.2851

■ 20.7550, 0.2229,
0.2046

■ 48.1467, 0.2959,
0.3075

■ 16.2490, 0.2045,
0.1756

■ 57.5451, 0.3115,
0.3274

■ 12.5847, 0.1878,
0.1473

■ 68.0387, 0.3256,
0.3449

■ 9.7065, 0.1737,
0.1214

■ 79.6616, 0.3383,
0.3602

■ 7.5512, 0.1631,
0.0994

■ 91.5708, 0.3465,
0.3740

■ 6.1304, 0.1565,
0.0835

■ 96.9958, 0.3448,
0.3820

Harmonies

Analogous

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



32.4885, 0.2389, 0.2693



32.4885, 0.2609, 0.2602



32.4885, 0.2975, 0.2675

Triad

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



32.4885, 0.2609, 0.2602



32.4885, 0.3970, 0.3535



32.4885, 0.2820, 0.3751

Complementary

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



32.4885, 0.2609, 0.2602



49.7927, 0.3636, 0.3894

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.



32.4885, 0.3233, 0.4016



32.4885, 0.2609, 0.2602



32.4885, 0.3911, 0.3847

Square

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



32.4885, 0.2609, 0.2602



32.4885, 0.3783, 0.3191



32.4885, 0.3635, 0.4039



32.4885, 0.2503, 0.3343

Rectangle

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



32.4885, 0.2609, 0.2602



32.4885, 0.3264, 0.2802



32.4885, 0.3635, 0.4039



32.4885, 0.2952, 0.3863

Sweetspot

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



32.4898, 0.2609, 0.2602



85.0945, 0.2987, 0.3111



50.8149, 0.2776, 0.3488



17.7288, 0.2963, 0.3080



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.



32.4898, 0.2609, 0.2602



48.2197, 0.2484, 0.2424



29.6945, 0.2730, 0.2428



10.6705, 0.2983, 0.3106



3.9711, 0.1571, 0.0856



0.3010, 0.1684, 0.1262

Inverse Universe

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



33.1736, 0.3660, 0.3108



50.0053, 0.3826, 0.3068



53.8694, 0.3448, 0.4090



10.6756, 0.3255, 0.3238



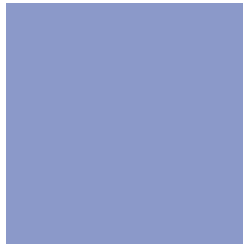
7.9409, 0.5980, 0.3068



0.3874, 0.5379, 0.2737

Previews

White Background



This preview shows how the Yxy color 32.4885, 0.2609, 0.2602 looks on a white background.

Color Contrast Check

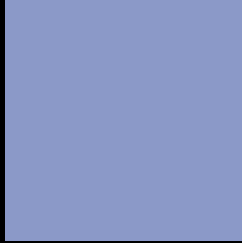
Large Text (above 18pt) WCAG AA × Fail

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 32.4885, 0.2609, 0.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

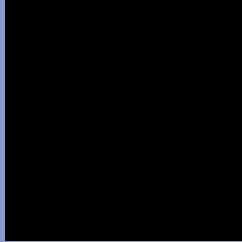
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4885, 0.2609, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 32.4885, 0.2609, 0.2602.



This preview shows how white text looks on a background with the Yxy color 32.4885, 0.2609, 0.2602.

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

32.4885, 0.2609, 0.2602

Protanopia

32.3362, 0.2623, 0.2590

Deuteranopia

32.6028, 0.2648, 0.2594



Tritanopia

32.3805, 0.2789, 0.3088

Trichromacy



Original Color

32.4885, 0.2609, 0.2602

Protanomaly

32.2490, 0.2615, 0.2588

Deuteranomaly

32.4243, 0.2631, 0.2591

Tritanomaly

32.3052, 0.2719, 0.2897

Monochromacy



Original Color

32.4885, 0.2609, 0.2602

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4410, 0.2929, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4885, 0.2609, 0.2602 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(139, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(139, 153, 201)  
}
```

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(139, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 153, 201) }
```

Border

The CSS property to change the border of an element to Yxy 32.4885, 0.2609, 0.2602 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(139, 153, 201) }
```

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

```
.border{ border-color:rgb(139, 153, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 153, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(139, 153,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4885, 0.2609, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 153, 201) }
```

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

```
.background{ background-color: rgb(139,  
153, 201) }
```

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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