

Converting Colors

$Y_{xy}(32.7665, 0.2531, 0.2590)$

Have a look what the booklet for
Yxy(32.7665, 0.2531, 0.2590)
contains.

Yxy(32.6276, 0.2531, 0.2582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.6276, 0.2531, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	839BCC
RGB	131, 155, 204
RGB Percent	51%, 61%, 80%
CMY	0.4863, 0.3922, 0.1999
CMYK	0.36, 0.24, 0.00, 0.20
HSL	220°, 42%, 66%
HSV	220°, 36%, 80%
XYZ	31.9831, 32.6276, 61.7549
YIQ	153.4100, -30.0330, 10.1510

Conversions

Conversions Part 2

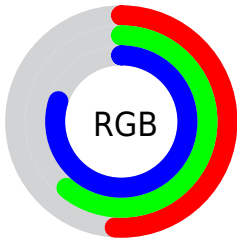
Format	Color
R_{YB}	131, 149, 204
Decimal	8625100
CIE Lab	63.86, 3.56, -27.87
CIE LCh	64, 28.091, 277.276
Yxy	32.6276, 0.2531, 0.2582
Android (android.graphics.Color)	4286815180 (0xFF839BCC)
YUV	153.4100, 24.9409, -19.6536
Hunter-Lab	57.1206, -0.0147, -24.1159

Details

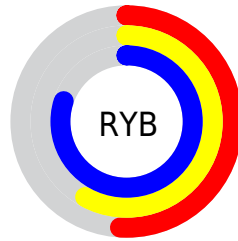
The Yxy color **32.6276, 0.2531, 0.2582** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.1356, 0.3757, 0.3907**, and the grayscale version is **31.9434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2600, 0.2680, 0.2775**, and **13.7223, 0.2340, 0.2362** is the 20% darker color. If you saturate the color by 10%, you get **26.8530, 0.2351, 0.2340**, and if you desaturate by 10%, it is **39.2427, 0.2708, 0.2806**.

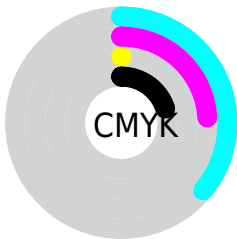
Distribution



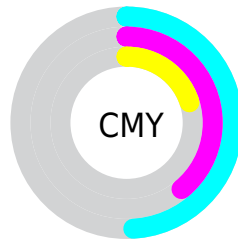
- Red (51%)
- Green (61%)
- Blue (80%)



- Red (51%)
- Yellow (58%)
- Blue (80%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6276, 0.2531, 0.2582 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 32.6276, 0.2531, 0.2582 by changing the saturation by 10% instead.

■ 32.6276, 0.2531,
0.2582

■ 32.6276, 0.2531,
0.2582

■ 313.9683, 0.2841,
0.2946

■ 21.8413, 0.2451,
0.2489

■ 63.7937, 0.2646,
0.2716

■ 13.7403, 0.2346,
0.2369

■ 84.9423, 0.2689,
0.2766

■ 7.9403, 0.2206,
0.2209

■ 110.3138, 0.2724,
0.2808

■ 4.0568, 0.2008,
0.1987

■ 140.2925, 0.2755,
0.2844

■ 1.7054, 0.1714,
0.1662

■ 175.2630, 0.2781,
0.2874

■ 0.4271, 0.1179,
0.1022

■ 215.6095, 0.2803,

■ 0.0000, 0.0000,

0.2901

0.0000

261.7165, 0.2823,
0.2925

■ 32.6276, 0.2531,
0.2582

■ 32.6276, 0.2531,
0.2582

■ 26.8530, 0.2351,
0.2340

■ 39.2427, 0.2708,
0.2806

■ 21.8792, 0.2175,
0.2087

■ 46.7284, 0.2879,
0.3010

■ 17.6682, 0.2010,
0.1829

■ 55.1177, 0.3039,
0.3194

■ 14.1773, 0.1864,
0.1576

■ 64.4408, 0.3189,
0.3356

■ 11.3586, 0.1745,
0.1341

■ 74.7262, 0.3326,
0.3499

■ 9.1561, 0.1657,
0.1134

■ 86.0014, 0.3451,
0.3624

■ 8.3800, 0.1627,
0.1056

■ 94.5460, 0.3437,
0.3752

■ 97.1409, 0.3430,
0.3790

Harmonies

Analogous

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



32.6276, 0.2340, 0.2710



32.6276, 0.2531, 0.2582



32.6276, 0.2884, 0.2626

Triad

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



32.6276, 0.2531, 0.2582



32.6276, 0.3985, 0.3471



32.6276, 0.2888, 0.3842

Complementary

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



32.6276, 0.2531, 0.2582



47.1356, 0.3757, 0.3907

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.



32.6276, 0.3324, 0.4071



32.6276, 0.2531, 0.2582



32.6276, 0.3973, 0.3808

Square

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



32.6276, 0.2531, 0.2582



32.6276, 0.3743, 0.3118



32.6276, 0.3724, 0.4042



32.6276, 0.2533, 0.3433

Rectangle

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



32.6276, 0.2531, 0.2582



32.6276, 0.3178, 0.2740



32.6276, 0.3724, 0.4042



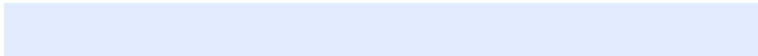
32.6276, 0.3029, 0.3945

Sweetspot

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



32.6289, 0.2531, 0.2582



83.6298, 0.2955, 0.3098



51.3065, 0.2771, 0.3630



17.4966, 0.2932, 0.3073



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.



32.6289, 0.2531, 0.2582



46.4739, 0.2391, 0.2396



26.4501, 0.2586, 0.2252



11.4361, 0.2983, 0.3130



5.4257, 0.1634, 0.1081



0.4185, 0.1746, 0.1484

Inverse Universe

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



31.4415, 0.3694, 0.2983



44.9697, 0.3878, 0.2916



56.0248, 0.3558, 0.4206



11.2734, 0.3239, 0.3214



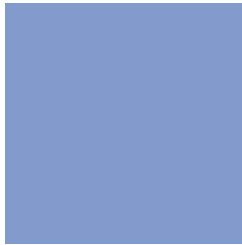
8.3507, 0.5638, 0.2880



0.4448, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 32.6276, 0.2531, 0.2582 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 32.6276, 0.2531, 0.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

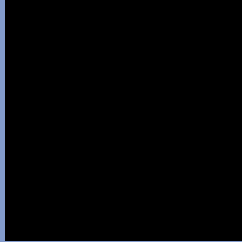
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

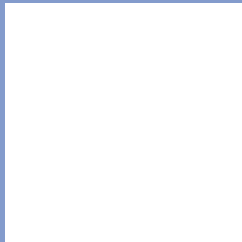
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6276, 0.2531, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 32.6276, 0.2531, 0.2582.



This preview shows how white text looks on a background with the Yxy color 32.6276, 0.2531, 0.2582.

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

32.6276, 0.2531, 0.2582

Protanopia

32.7095, 0.2618, 0.2592

Deuteranopia

32.6150, 0.2603, 0.2542



Tritanopia

32.7920, 0.2705, 0.3101

Trichromacy



Original Color

32.6276, 0.2531, 0.2582

Protanomaly

32.7414, 0.2581, 0.2588

Deuteranomaly

32.5935, 0.2574, 0.2550

Tritanomaly

32.7690, 0.2645, 0.2908

Monochromacy



Original Color

32.6276, 0.2531, 0.2582

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.1095, 0.2883, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6276, 0.2531, 0.2582 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(131, 155, 204)` looks like.

```
.text, #text, p{  
    color:rgb(131, 155, 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(131, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 155, 204) }
```

Border

The CSS property to change the border of an element to Yxy 32.6276, 0.2531, 0.2582 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(131, 155, 204) }
```

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

```
.border{ border-color:rgb(131, 155, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(131, 155,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6276, 0.2531, 0.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 155, 204) }
```

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

```
.background{ background-color: rgb(131,  
155, 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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