

Converting Colors

Yxy(36.6320, 0.2646, 0.2623)

Have a look what the booklet for
Yxy(36.6320, 0.2646, 0.2623)
contains.

Yxy(36.6269, 0.2646, 0.2622)	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(36.6269, 0.2646, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	96A1D2
RGB	150, 161, 210
RGB Percent	59%, 63%, 82%
CMY	0.4116, 0.3687, 0.1764
CMYK	0.29, 0.23, 0.00, 0.18
HSL	229°, 40%, 71%
HSV	229°, 29%, 82%
XYZ	36.9622, 36.6269, 66.1016
YIQ	163.2970, -22.2850, 12.9070

Conversions

Conversions Part 2

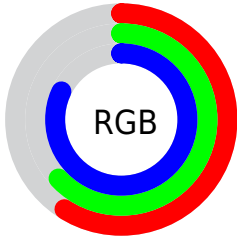
Format	Color
RYB	150, 159, 210
Decimal	9871826
CIELab	67.00, 7.22, -26.25
CIELCh	67, 27.225, 285.370
Yxy	36.6269, 0.2646, 0.2622
Android (android.graphics.Color)	4288061906 (0xFF96A1D2)
YUV	163.2970, 23.0246, -11.6615
Hunter-Lab	60.5202, 3.1070, -22.3939

Details

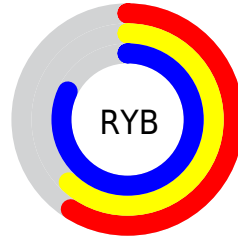
The Yxy color **36.6269, 0.2646, 0.2622** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.7840, 0.3589, 0.3879**, and the grayscale version is **36.6744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3109, 0.2807, 0.2870**, and **16.1151, 0.2508, 0.2446** is the 20% darker color. If you saturate the color by 10%, you get **29.2171, 0.2454, 0.2340**, and if you desaturate by 10%, it is **45.2205, 0.2828, 0.2881**.

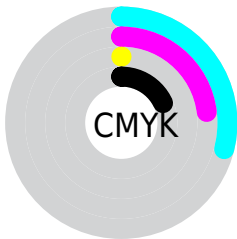
Distribution



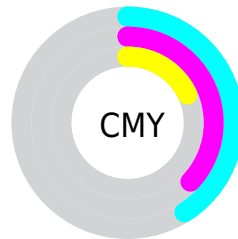
- Red (59%)
- Green (63%)
- Blue (82%)



- Red (59%)
- Yellow (62%)
- Blue (82%)



- Cyan (29%)
- Magenta (23%)
- Yellow (0%)
- Black (18%)




- Cyan (41%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6269, 0.2646, 0.2622 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 36.6269, 0.2646, 0.2622 by changing the saturation by 10% instead.


 36.6269, 0.2646,
0.2622


 36.6269, 0.2646,
0.2622


331.6924, 0.2894,
0.2958

 24.9187, 0.2582,
0.2538


 69.9986, 0.2737,
0.2744

 16.0165, 0.2500,
0.2431


 92.4309, 0.2771,
0.2790

 9.5359, 0.2390,
0.2290

119.2067, 0.2800,
0.2829

 5.0923, 0.2235,
0.2097

150.7105, 0.2824,
0.2862

 2.3015, 0.2004,
0.1818

187.3265, 0.2845,
0.2891

 0.7745, 0.1637,
0.1387

229.4392, 0.2864,

 0.0000, 0.0000,

0.2916

0.0000

277.4331, 0.2880,
0.2938

■ 36.6269, 0.2646,
0.2622

■ 36.6269, 0.2646,
0.2622

■ 29.2171, 0.2454,
0.2340

■ 45.2205, 0.2828,
0.2881

■ 22.9343, 0.2258,
0.2041

■ 55.0427, 0.2996,
0.3113

■ 17.7234, 0.2066,
0.1736

■ 66.1412, 0.3148,
0.3318

■ 13.5231, 0.1889,
0.1440

■ 78.5598, 0.3285,
0.3498

■ 10.2653, 0.1739,
0.1171

■ 92.3308, 0.3407,
0.3654

■ 7.8729, 0.1626,
0.0946

■ 97.4337, 0.3394,
0.3730

■ 6.2465, 0.1553,
0.0779

■ 6.0615, 0.1544,
0.0759

Harmonies

Analogous

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



36.6269, 0.2421, 0.2700



36.6269, 0.2646, 0.2622



36.6269, 0.3009, 0.2703

Triad

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



36.6269, 0.2646, 0.2622



36.6269, 0.3948, 0.3552



36.6269, 0.2804, 0.3711

Complementary

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



36.6269, 0.2646, 0.2622



56.7840, 0.3589, 0.3879

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.



36.6269, 0.3201, 0.3981



36.6269, 0.2646, 0.2622



36.6269, 0.3874, 0.3849

Square

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



36.6269, 0.2646, 0.2622



36.6269, 0.3782, 0.3218



36.6269, 0.3595, 0.4021



36.6269, 0.2505, 0.3313

Rectangle

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



36.6269, 0.2646, 0.2622



36.6269, 0.3290, 0.2832



36.6269, 0.3595, 0.4021



36.6269, 0.2930, 0.3822

Sweetspot

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



36.6283, 0.2646, 0.2622



84.5129, 0.2987, 0.3101



56.7117, 0.2781, 0.3432



17.5865, 0.2963, 0.3068



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.



36.6283, 0.2646, 0.2622



49.9111, 0.2535, 0.2460



34.9193, 0.2790, 0.2503



11.7618, 0.2982, 0.3094



3.8038, 0.1550, 0.0778



0.3204, 0.1639, 0.1099

Inverse Universe

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



38.1031, 0.3637, 0.3155



52.8421, 0.3784, 0.3126



59.3819, 0.3402, 0.4036



11.8430, 0.3262, 0.3248



8.4553, 0.6105, 0.3137



0.4836, 0.5611, 0.2865

Previews

White Background



This preview shows how the Yxy color 36.6269, 0.2646, 0.2622 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 36.6269, 0.2646, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

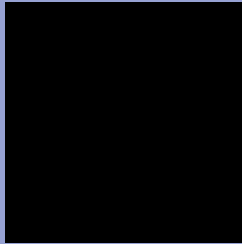
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6269, 0.2646, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 36.6269, 0.2646, 0.2622.



This preview shows how white text looks on a background with the Yxy color 36.6269, 0.2646, 0.2622.

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

36.6269, 0.2646, 0.2622

Protanopia

36.6269, 0.2646, 0.2622

Deuteranopia

36.5671, 0.2668, 0.2612



Tritanopia

36.4970, 0.2820, 0.3084

Trichromacy



Original Color

36.6269, 0.2646, 0.2622

Protanomaly

36.6269, 0.2646, 0.2622

Deuteranomaly

36.4702, 0.2660, 0.2611

Tritanomaly

36.4235, 0.2753, 0.2903

Monochromacy



Original Color

36.6269, 0.2646, 0.2622

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4050, 0.2938, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6269, 0.2646, 0.2622 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(150, 161, 210)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 210)  
}
```

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(150, 161, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 210) }
```

Border

The CSS property to change the border of an element to Yxy 36.6269, 0.2646, 0.2622 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(150, 161, 210) }
```

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

```
.border{ border-color:rgb(150, 161, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 210);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6269, 0.2646, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 210) }
```

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

```
.background{ background-color: rgb(150,  
161, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor