

Converting Colors

$Yxy(36.8055, 0.2665, 0.2480)$

Have a look what the booklet for
Yxy(36.8055, 0.2665, 0.2480)
contains.

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Color

Yxy(36.8055, 0.2665, 0.2480)

Conversions

Conversions Part 1

Format	Color
Hex	A19DDB
RGB	161, 157, 219
RGB Percent	63%, 62%, 86%
CMY	0.3684, 0.3844, 0.1411
CMYK	0.26, 0.28, 0.00, 0.14
HSL	244°, 46%, 74%
HSV	244°, 28%, 86%
XYZ	39.5511, 36.8055, 72.0527
YIQ	165.2640, -17.5180, 20.1300

Conversions

Conversions Part 2

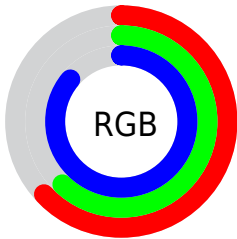
Format	Color
R _Y B	161, 157, 219
Decimal	10591707
CIE Lab	67.13, 14.96, -30.96
CIE LCh	67, 34.383, 295.800
Yxy	36.8055, 0.2665, 0.2480
Android (android.graphics.Color)	4288781787 (0xFFA19DDB)
YUV	165.2640, 26.4918, -3.7395
Hunter-Lab	60.6675, 10.2016, -27.9494

Details

The Yxy color **36.8055, 0.2665, 0.2480** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.5489, 0.3521, 0.4002**, and the grayscale version is **37.6410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0587, 0.2883, 0.2836**, and **16.1765, 0.2523, 0.2262** is the 20% darker color. If you saturate the color by 10%, you get **28.0932, 0.2468, 0.2141**, and if you desaturate by 10%, it is **47.1971, 0.2846, 0.2795**.

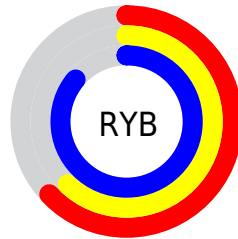
Distribution



Red (63%)

Green (62%)

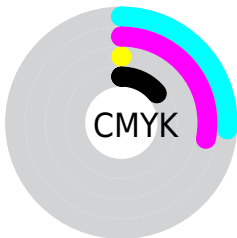
Blue (86%)



Red (63%)

Yellow (62%)

Blue (86%)

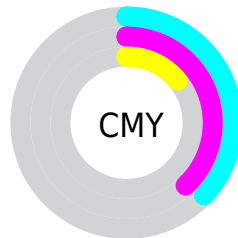


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8055, 0.2665, 0.2480 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 36.8055, 0.2665, 0.2480 by changing the saturation by 10% instead.

■ 36.8055, 0.2665,
0.2480

■ 36.8055, 0.2665,
0.2480

■ 332.4677, 0.2905,
0.2880

■ 25.0569, 0.2603,
0.2383

■ 70.2735, 0.2754,
0.2623

■ 16.1195, 0.2523,
0.2261

■ 92.7618, 0.2787,
0.2678

■ 9.6087, 0.2416,
0.2102

■ 119.5988, 0.2814,
0.2724

■ 5.1403, 0.2266,
0.1890

■ 151.1688, 0.2838,
0.2764

■ 2.3298, 0.2043,
0.1594

■ 187.8563, 0.2858,
0.2798

■ 0.7894, 0.1692,
0.1165

■ 230.0457, 0.2876,

■ 0.0000, 0.0294,

0.2829

0.0000

278.1214, 0.2891,
0.2856

0.0000, 0.0000,
0.0000

36.8055, 0.2665,
0.2480

36.8055, 0.2665,
0.2480

28.0932, 0.2468,
0.2141

47.1971, 0.2846,
0.2795

20.9679, 0.2260,
0.1790

59.3451, 0.3008,
0.3079

15.3352, 0.2055,
0.1447

73.3270, 0.3149,
0.3330

11.0887, 0.1865,
0.1137

89.2145, 0.3272,
0.3549

8.1082, 0.1706,
0.0886

97.8957, 0.3339,
0.3641

■ 6.2526, 0.1591,
0.0713

■ 5.3219, 0.1524,
0.0621

■ 5.2120, 0.1517,
0.0609

Harmonies

Analogous

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



36.8055, 0.2325, 0.2498



36.8055, 0.2665, 0.2480



36.8055, 0.3156, 0.2641

Triad

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



36.8055, 0.2665, 0.2480



36.8055, 0.4162, 0.3740



36.8055, 0.2570, 0.3656

Complementary

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



36.8055, 0.2665, 0.2480



67.5489, 0.3521, 0.4002

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.



36.8055, 0.3031, 0.4087



36.8055, 0.2665, 0.2480



36.8055, 0.3962, 0.4082

Square

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



36.8055, 0.2665, 0.2480



36.8055, 0.4061, 0.3332



36.8055, 0.3542, 0.4235



36.8055, 0.2271, 0.3133

Rectangle

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



36.8055, 0.2665, 0.2480



36.8055, 0.3512, 0.2830



36.8055, 0.3542, 0.4235



36.8055, 0.2710, 0.3821

Sweetspot

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



36.8070, 0.2665, 0.2480



84.2302, 0.3012, 0.3086



61.3535, 0.2714, 0.3250



17.4346, 0.2989, 0.3045



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.



36.8070, 0.2665, 0.2480



44.3334, 0.2549, 0.2280



40.3144, 0.2915, 0.2535



12.6578, 0.2991, 0.3049



3.1064, 0.1522, 0.0612



0.2159, 0.1587, 0.0648

Inverse Universe

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



44.0762, 0.3195, 0.2631



56.2353, 0.3211, 0.2493



63.4109, 0.3290, 0.4059



13.2593, 0.3148, 0.3074



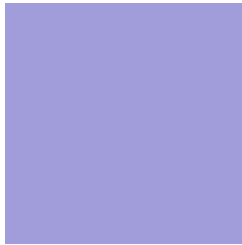
11.5395, 0.3380, 0.1636



0.7521, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 36.8055, 0.2665, 0.2480 looks on a white background.

Color Contrast Check

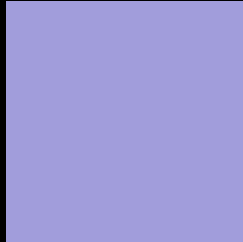
Large Text (above 18pt) WCAG AA × Fail

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 36.8055, 0.2665, 0.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

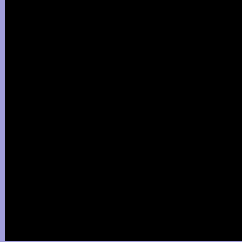
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8055, 0.2665, 0.2480

Background



This preview shows how black text looks on a background with the Yxy color 36.8055, 0.2665, 0.2480.



This preview shows how white text looks on a background with the Yxy color 36.8055, 0.2665, 0.2480.

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

36.8055, 0.2665, 0.2480

Protanopia

36.8747, 0.2538, 0.2477

Deuteranopia

36.9413, 0.2585, 0.2527



Tritanopia

36.8969, 0.2911, 0.3102

Trichromacy



Original Color

36.8055, 0.2665, 0.2480

Protanomaly

36.9414, 0.2579, 0.2482

Deuteranomaly

36.9759, 0.2614, 0.2519

Tritanomaly

36.7588, 0.2818, 0.2857

Monochromacy



Original Color

36.8055, 0.2665, 0.2480

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2360, 0.2950, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8055, 0.2665, 0.2480 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(161, 157, 219)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 219)  
}
```

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(161, 157, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 219) }
```

Border

The CSS property to change the border of an element to Yxy 36.8055, 0.2665, 0.2480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

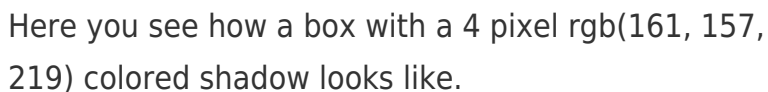
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 157, 219) }
```

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

```
.border{ border-color:rgb(161, 157, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 157, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 157, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 157, 219); box-shadow:4px 4px 4px 4px rgb(161, 157, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8055, 0.2665, 0.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 219) }
```

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

```
.background{ background-color: rgb(161,  
157, 219) }
```

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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