

Converting Colors

$Y_{xy}(40.3669, 0.2537, 0.2523)$

Have a look what the booklet for
Yxy(40.3669, 0.2537, 0.2523)
contains.

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Color

Yxy(40.3669, 0.2537, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	95A9E4
RGB	149, 169, 228
RGB Percent	58%, 66%, 89%
CMY	0.4155, 0.3373, 0.1059
CMYK	0.35, 0.26, 0.00, 0.11
HSL	225°, 59%, 74%
HSV	225°, 35%, 89%
XYZ	40.5909, 40.3669, 79.0378
YIQ	169.7460, -30.8590, 14.1090

Conversions

Conversions Part 2

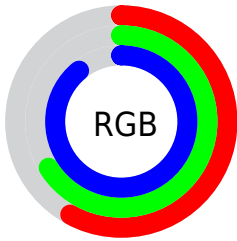
Format	Color
RYB	149, 165, 228
Decimal	9808356
CIELab	69.73, 7.00, -31.93
CIELCh	70, 32.693, 282.371
Yxy	40.3669, 0.2537, 0.2523
Android (android.graphics.Color)	4287998436 (0xFF95A9E4)
YUV	169.7460, 28.7192, -18.1942
Hunter-Lab	63.5350, 2.8530, -29.2826

Details

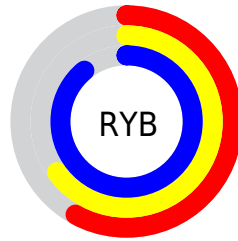
The Yxy color **40.3669, 0.2537, 0.2523** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.7964, 0.3717, 0.3953**, and the grayscale version is **39.9363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5104, 0.2812, 0.2958**, and **18.1340, 0.2369, 0.2319** is the 20% darker color. If you saturate the color by 10%, you get **32.4970, 0.2348, 0.2253**, and if you desaturate by 10%, it is **49.4858, 0.2721, 0.2774**.

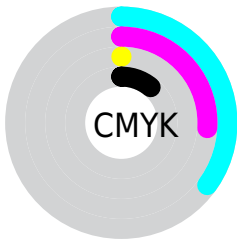
Distribution



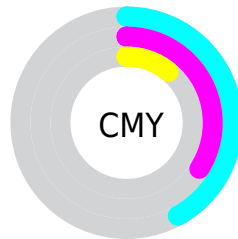
- Red (58%)
- Green (66%)
- Blue (89%)



- Red (58%)
- Yellow (65%)
- Blue (89%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3669, 0.2537, 0.2523 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 40.3669, 0.2537, 0.2523 by changing the saturation by 10% instead.

■ 40.3669, 0.2537,
0.2523

■ 40.3669, 0.2537,
0.2523

■ 347.6676, 0.2834,
0.2900

■ 27.8247, 0.2463,
0.2432

■ 75.7219, 0.2645,
0.2658

■ 18.1936, 0.2370,
0.2317

■ 99.3035, 0.2685,
0.2709

■ 11.0891, 0.2247,
0.2169

■ 127.3337, 0.2720,
0.2753

■ 6.1268, 0.2079,
0.1970

■ 160.1969, 0.2749,
0.2791

■ 2.9223, 0.1842,
0.1696

■ 198.2775, 0.2775,
0.2824

■ 1.0913, 0.1487,
0.1302

■ 241.9599, 0.2797,

■ 0.0000, 0.0484,

0.2852

0.0000

291.6284, 0.2816,
0.2878

0.0000, 0.0000,
0.0000

40.3669, 0.2537,
0.2523

40.3669, 0.2537,
0.2523

32.4970, 0.2348,
0.2253

49.4858, 0.2721,
0.2774

25.8153, 0.2160,
0.1971

59.9017, 0.2895,
0.3001

20.2623, 0.1984,
0.1687

71.6656, 0.3057,
0.3204

15.7714, 0.1827,
0.1414

84.8242, 0.3205,
0.3384

12.2681, 0.1701,
0.1169

97.8640, 0.3287,
0.3545

■ 9.6661, 0.1611,
0.0965

■ 98.3805, 0.3286,
0.3552

■ 8.5855, 0.1576,
0.0873

Harmonies

Analogous

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



40.3669, 0.2300, 0.2625



40.3669, 0.2537, 0.2523



40.3669, 0.2941, 0.2601

Triad

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



40.3669, 0.2537, 0.2523



40.3669, 0.4075, 0.3546



40.3669, 0.2792, 0.3825

Complementary

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



40.3669, 0.2537, 0.2523



63.7964, 0.3717, 0.3953

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.



40.3669, 0.3255, 0.4119



40.3669, 0.2537, 0.2523



40.3669, 0.4013, 0.3900

Square

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



40.3669, 0.2537, 0.2523



40.3669, 0.3857, 0.3165



40.3669, 0.3705, 0.4129



40.3669, 0.2435, 0.3360

Rectangle

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



40.3669, 0.2537, 0.2523



40.3669, 0.3264, 0.2739



40.3669, 0.3705, 0.4129



40.3669, 0.2940, 0.3951

Sweetspot

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



40.3685, 0.2537, 0.2523



83.9177, 0.2971, 0.3097



66.3739, 0.2751, 0.3552



17.5090, 0.2948, 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.



40.3685, 0.2537, 0.2523



44.1489, 0.2393, 0.2318



35.3796, 0.2645, 0.2294



14.4758, 0.2980, 0.3109



5.1182, 0.1583, 0.0897



0.5239, 0.1660, 0.1175

Inverse Universe

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



40.8677, 0.3736, 0.3060



45.5018, 0.3938, 0.3009



71.2871, 0.3508, 0.4194



14.4274, 0.3253, 0.3231



9.7144, 0.5916, 0.3033



0.7326, 0.5502, 0.2804

Previews

White Background



This preview shows how the Yxy color 40.3669, 0.2537, 0.2523 looks on a white background.

Color Contrast Check

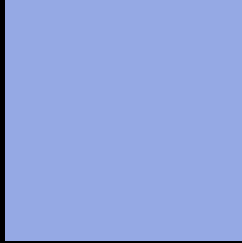
Large Text (above 18pt) WCAG AA × Fail

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 40.3669, 0.2537, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

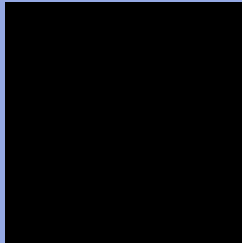
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3669, 0.2537, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 40.3669, 0.2537, 0.2523.



This preview shows how white text looks on a background with the Yxy color 40.3669, 0.2537, 0.2523.

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

40.3669, 0.2537, 0.2523

Protanopia

40.3236, 0.2569, 0.2526

Deuteranopia

40.4767, 0.2570, 0.2517



Tritanopia

40.3438, 0.2728, 0.3089

Trichromacy



Original Color

40.3669, 0.2537, 0.2523

Protanomaly

40.2267, 0.2562, 0.2525

Deuteranomaly

40.2821, 0.2556, 0.2514

Tritanomaly

40.0864, 0.2652, 0.2860

Monochromacy



Original Color

40.3669, 0.2537, 0.2523

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1924, 0.2889, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3669, 0.2537, 0.2523 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(149, 169, 228)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 228)  
}
```

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(149, 169, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 228) }
```

Border

The CSS property to change the border of an element to Yxy 40.3669, 0.2537, 0.2523 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(149, 169, 228) }
```

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

```
.border{ border-color:rgb(149, 169, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 169, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 169, 228); box-shadow:4px 4px 4px 4px rgb(149, 169, 228) }
```


Background

The CSS property to change the background color of an element to `rgb(40.3669, 0.2537, 0.2523)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 228) }
```

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

```
.background{ background-color: rgb(149,  
169, 228) }
```

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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