

Converting Colors

$Yxy(44.5956, 0.2544, 0.2658)$

Have a look what the booklet for
Yxy(44.5956, 0.2544, 0.2658)
contains.

Yxy(44.5956, 0.2544, 0.2658)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5956, 0.2544, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	94B4E5
RGB	148, 180, 229
RGB Percent	58%, 71%, 90%
CMY	0.4195, 0.2941, 0.1019
CMYK	0.35, 0.21, 0.00, 0.10
HSL	216°, 61%, 74%
HSV	216°, 35%, 90%
XYZ	42.6829, 44.5956, 80.5003
YIQ	176.0180, -34.8010, 8.4550

Conversions

Conversions Part 2

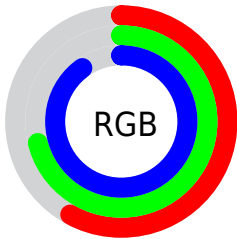
Format	Color
RYB	148, 171, 229
Decimal	9745637
CIELab	72.62, 0.89, -28.04
CIELCh	73, 28.059, 271.813
Yxy	44.5956, 0.2544, 0.2658
Android (android.graphics.Color)	4287935717 (0xFF94B4E5)
YUV	176.0180, 26.1201, -24.5718
Hunter-Lab	66.7799, -2.7752, -24.7255

Details

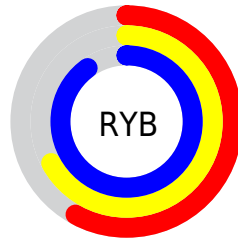
The Yxy color **44.5956, 0.2544, 0.2658** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.7596, 0.3774, 0.3847**, and the grayscale version is **43.3050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0483, 0.2814, 0.3088**, and **20.5756, 0.2385, 0.2485** is the 20% darker color. If you saturate the color by 10%, you get **37.3479, 0.2370, 0.2440**, and if you desaturate by 10%, it is **52.8292, 0.2717, 0.2860**.

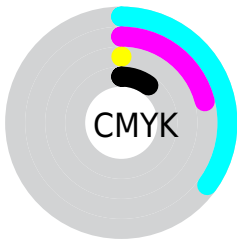
Distribution



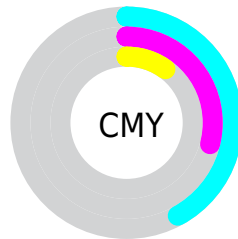
- Red (58%)
- Green (71%)
- Blue (90%)



- Red (58%)
- Yellow (67%)
- Blue (90%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (42%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5956, 0.2544, 0.2658 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 44.5956, 0.2544, 0.2658 by changing the saturation by 10% instead.

■ 44.5956, 0.2544,
0.2658

■ 44.5956, 0.2544,
0.2658

■ 365.1333, 0.2832,
0.2969

■ 31.1390, 0.2474,
0.2583

■ 82.1132, 0.2647,
0.2770

■ 20.7047, 0.2386,
0.2487

■ 106.9431, 0.2687,
0.2812

■ 12.9083, 0.2271,
0.2364

■ 136.3328, 0.2720,
0.2848

■ 7.3655, 0.2115,
0.2198

■ 170.6668, 0.2749,
0.2879

■ 3.6917, 0.1897,
0.1964

■ 210.3294, 0.2773,
0.2906

■ 1.5026, 0.1574,
0.1621

■ 255.7051, 0.2795,

■ 0.2906, 0.0839,

0.2930

0.0818

307.1783, 0.2815,
0.2951

0.0000, 0.0000,
0.0000

44.5956, 0.2544,
0.2658

44.5956, 0.2544,
0.2658

37.3479, 0.2370,
0.2440

52.8292, 0.2717,
0.2860

31.0395, 0.2201,
0.2210

62.0822, 0.2885,
0.3044

25.6272, 0.2044,
0.1973

72.3926, 0.3045,
0.3209

21.0620, 0.1905,
0.1739

83.7950, 0.3196,
0.3356

17.2883, 0.1791,
0.1515

94.8633, 0.3286,
0.3488

■ 14.2413, 0.1705,
0.1310

■ 98.4382, 0.3280,
0.3542

■ 13.0350, 0.1673,
0.1223

Harmonies

Analogous

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



44.5956, 0.2400, 0.2807



44.5956, 0.2544, 0.2658



44.5956, 0.2843, 0.2669

Triad

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



44.5956, 0.2544, 0.2658



44.5956, 0.3874, 0.3399



44.5956, 0.2983, 0.3836

Complementary

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



44.5956, 0.2544, 0.2658



58.7596, 0.3774, 0.3847

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.



44.5956, 0.3379, 0.4002



44.5956, 0.2544, 0.2658



44.5956, 0.3908, 0.3712

Square

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



44.5956, 0.2544, 0.2658



44.5956, 0.3622, 0.3081



44.5956, 0.3721, 0.3942



44.5956, 0.2640, 0.3492

Rectangle

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



44.5956, 0.2544, 0.2658



44.5956, 0.3100, 0.2756



44.5956, 0.3721, 0.3942



44.5956, 0.3114, 0.3916

Sweetspot

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



44.5973, 0.2544, 0.2658



84.7033, 0.2955, 0.3117



66.3624, 0.2803, 0.3699



17.7515, 0.2933, 0.3094



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.



44.5973, 0.2544, 0.2658



50.4056, 0.2424, 0.2509



33.9296, 0.2547, 0.2246



14.8156, 0.2981, 0.3144



7.6705, 0.1681, 0.1251



0.7438, 0.1762, 0.1542

Inverse Universe

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



41.1465, 0.3635, 0.2924



46.1334, 0.3779, 0.2852



73.5482, 0.3597, 0.4188



14.4617, 0.3231, 0.3198



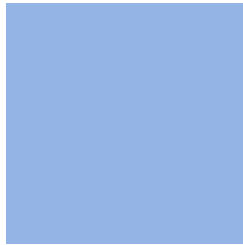
9.9721, 0.5394, 0.2745



0.7548, 0.5005, 0.2531

Previews

White Background



This preview shows how the Yxy color 44.5956, 0.2544, 0.2658 looks on a white background.

Color Contrast Check

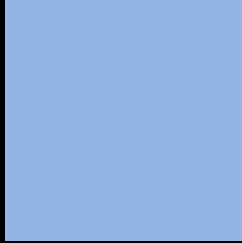
Large Text (above 18pt) WCAG AA × Fail

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 44.5956, 0.2544, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

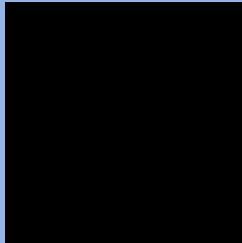
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

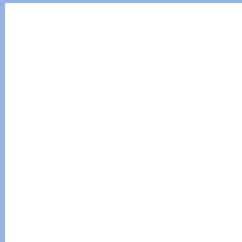
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5956, 0.2544, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 44.5956, 0.2544, 0.2658.



This preview shows how white text looks on a background with the Yxy color 44.5956, 0.2544, 0.2658.

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

44.5956, 0.2544, 0.2658

Protanopia

44.5410, 0.2673, 0.2659

Deuteranopia

44.5886, 0.2660, 0.2604



Tritanopia

44.5308, 0.2683, 0.3082

Trichromacy



Original Color

44.5956, 0.2544, 0.2658

Protanomaly

44.3613, 0.2625, 0.2654

Deuteranomaly

44.6310, 0.2614, 0.2621

Tritanomaly

44.4994, 0.2631, 0.2912

Monochromacy



Original Color

44.5956, 0.2544, 0.2658

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4914, 0.2895, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5956, 0.2544, 0.2658 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(148, 180, 229)` looks like.

```
.text, #text, p{  
    color:rgb(148, 180, 229)  
}
```

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(148, 180, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 180, 229) }
```

Border

The CSS property to change the border of an element to Yxy 44.5956, 0.2544, 0.2658 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(148, 180, 229) }
```

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

```
.border{ border-color:rgb(148, 180, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 180, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 180, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 180, 229);  
box-shadow:4px 4px 4px 4px rgb(148, 180,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5956, 0.2544, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 180, 229) }
```

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

```
.background{ background-color: rgb(148,  
180, 229) }
```

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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