

Converting Colors

$Yxy(42.0691, 0.2547, 0.2744)$

Have a look what the booklet for
Yxy(42.0691, 0.2547, 0.2744)
contains.

Yxy(41.9952, 0.2544, 0.2738)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.9952, 0.2544, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	8BB1DA
RGB	139, 177, 218
RGB Percent	55%, 69%, 85%
CMY	0.4550, 0.3058, 0.1452
CMYK	0.36, 0.19, 0.00, 0.15
HSL	211°, 52%, 70%
HSV	211°, 36%, 85%
XYZ	39.0196, 41.9952, 72.3643
YIQ	170.3120, -35.8090, 4.6950

Conversions

Conversions Part 2

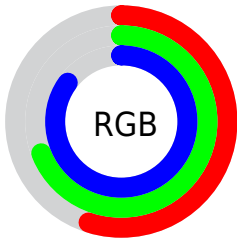
Format	Color
RYB	139, 165, 218
Decimal	9155034
CIELab	70.87, -2.82, -24.76
CIELCh	71, 24.924, 263.500
Yxy	41.9952, 0.2544, 0.2738
Android (android.graphics.Color)	4287345114 (0xFF8BB1DA)
YUV	170.3120, 23.5102, -27.4606
Hunter-Lab	64.8037, -5.9280, -20.8447

Details

The Yxy color **41.9952, 0.2544, 0.2738** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.3888, 0.3819, 0.3782**, and the grayscale version is **40.2548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0999, 0.2759, 0.3052**, and **19.2900, 0.2387, 0.2589** is the 20% darker color. If you saturate the color by 10%, you get **36.0212, 0.2381, 0.2553**, and if you desaturate by 10%, it is **48.7165, 0.2709, 0.2910**.

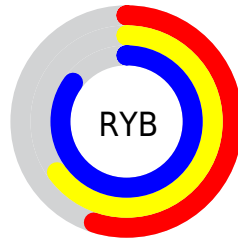
Distribution



Red (55%)

Green (69%)

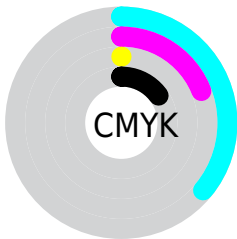
Blue (85%)



Red (55%)

Yellow (65%)

Blue (85%)

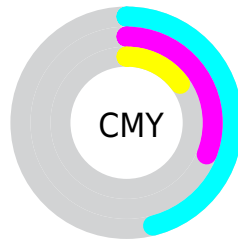


Cyan (36%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9952, 0.2544, 0.2738 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 41.9952, 0.2544, 0.2738 by changing the saturation by 10% instead.

■ 41.9952, 0.2544,
0.2738

■ 41.9952, 0.2544,
0.2738

354.4630, 0.2834,
0.3016

■ 29.0975, 0.2473,
0.2669

■ 78.1924, 0.2649,
0.2839

■ 19.1546, 0.2382,
0.2581

■ 102.2606, 0.2689,
0.2877

■ 11.7821, 0.2262,
0.2464

■ 130.8213, 0.2722,
0.2909

■ 6.5955, 0.2100,
0.2305

164.2586, 0.2751,
0.2936

■ 3.2104, 0.1868,
0.2074

202.9570, 0.2776,
0.2960

■ 1.2425, 0.1517,
0.1719

247.3010, 0.2798,

■ 0.0960, 0.0100,

0.2981

0.0428

297.6749, 0.2817,
0.2999

0.0000, 0.0000,
0.0000

41.9952, 0.2544,
0.2738

41.9952, 0.2544,
0.2738

36.0212, 0.2381,
0.2553

48.7165, 0.2709,
0.2910

30.7584, 0.2225,
0.2357

56.2093, 0.2873,
0.3067

26.1743, 0.2081,
0.2154

64.5027, 0.3032,
0.3209

22.2315, 0.1955,
0.1951

73.6224, 0.3183,
0.3336

18.8872, 0.1853,
0.1753

83.5931, 0.3326,
0.3448

■ 16.0900, 0.1775,
0.1565

■ 91.5283, 0.3360,
0.3555

■ 15.1503, 0.1749,
0.1498

■ 97.8409, 0.3346,
0.3651

Harmonies

Analogous

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



41.9952, 0.2456, 0.2916



41.9952, 0.2544, 0.2738



41.9952, 0.2782, 0.2706

Triad

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



41.9952, 0.2544, 0.2738



41.9952, 0.3758, 0.3310



41.9952, 0.3097, 0.3843

Complementary

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



41.9952, 0.2544, 0.2738



49.3888, 0.3819, 0.3782

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.



41.9952, 0.3453, 0.3938



41.9952, 0.2544, 0.2738



41.9952, 0.3847, 0.3603

Square

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



41.9952, 0.2544, 0.2738



41.9952, 0.3487, 0.3027



41.9952, 0.3731, 0.3838



41.9952, 0.2762, 0.3568

Rectangle

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



41.9952, 0.2544, 0.2738



41.9952, 0.3003, 0.2763



41.9952, 0.3731, 0.3838



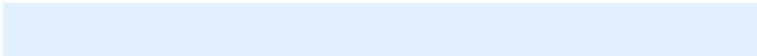
41.9952, 0.3218, 0.3897

Sweetspot

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



41.9968, 0.2544, 0.2738



86.1299, 0.2955, 0.3142



58.9067, 0.2835, 0.3801



18.0908, 0.2934, 0.3123



0.0000, 0.0000, 0.0000



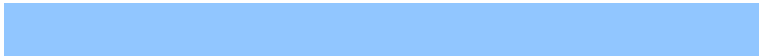
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9968, 0.2544, 0.2738



53.7210, 0.2427, 0.2607



29.1225, 0.2479, 0.2205



13.6464, 0.2982, 0.3166



9.2917, 0.1757, 0.1524



0.7739, 0.1841, 0.1827

Inverse Universe

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



36.5372, 0.3576, 0.2836



45.7013, 0.3703, 0.2746



66.6959, 0.3659, 0.4191



13.1554, 0.3217, 0.3178



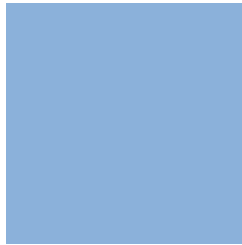
9.5618, 0.5028, 0.2544



0.6368, 0.4653, 0.2337

Previews

White Background



This preview shows how the Yxy color 41.9952, 0.2544, 0.2738 looks on a white background.

Color Contrast Check

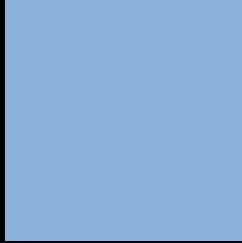
Large Text (above 18pt) WCAG AA × Fail

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 41.9952, 0.2544, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

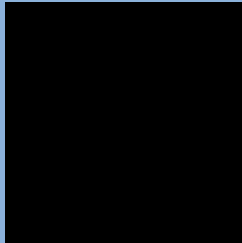
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

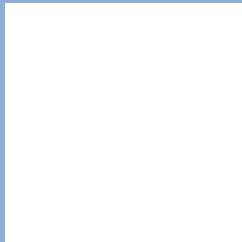
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9952, 0.2544, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 41.9952, 0.2544, 0.2738.



This preview shows how white text looks on a background with the Yxy color 41.9952, 0.2544, 0.2738.

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

41.9952, 0.2544, 0.2738

Protanopia

41.7674, 0.2731, 0.2729

Deuteranopia

41.9161, 0.2705, 0.2648



Tritanopia

41.9744, 0.2653, 0.3090

Trichromacy



Original Color

41.9952, 0.2544, 0.2738

Protanomaly

41.6635, 0.2660, 0.2734

Deuteranomaly

42.0695, 0.2649, 0.2689

Tritanomaly

42.1052, 0.2615, 0.2968

Monochromacy



Original Color

41.9952, 0.2544, 0.2738

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8459, 0.2896, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9952, 0.2544, 0.2738 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(139, 177, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 177, 218)  
}
```

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(139, 177, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 177, 218) }
```

Border

The CSS property to change the border of an element to Yxy 41.9952, 0.2544, 0.2738 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(139, 177, 218) }
```

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

```
.border{ border-color:rgb(139, 177, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 177, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 177, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 177, 218);  
box-shadow:4px 4px 4px 4px rgb(139, 177,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9952, 0.2544, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 177, 218) }
```

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

```
.background{ background-color: rgb(139,  
177, 218) }
```

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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