

Converting Colors

$Y_{xy}(45.4743, 0.2523, 0.2728)$

Have a look what the booklet for
Yxy(45.4743, 0.2523, 0.2728)
contains.

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Color

Yxy(45.5778, 0.2525, 0.2729)

Conversions

Conversions Part 1

Format	Color
Hex	8EB8E3
RGB	142, 184, 227
RGB Percent	56%, 72%, 89%
CMY	0.4429, 0.2785, 0.1097
CMYK	0.37, 0.19, 0.00, 0.11
HSL	210°, 60%, 72%
HSV	210°, 37%, 89%
XYZ	42.1707, 45.5778, 79.2643
YIQ	176.3440, -38.8350, 4.4690

Conversions

Conversions Part 2

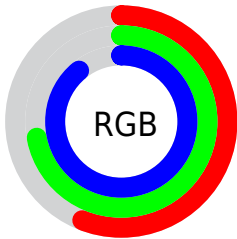
Format	Color
R _Y B	142, 170, 227
Decimal	9353443
CIE Lab	73.27, -3.43, -26.00
CIE LCh	73, 26.227, 262.476
Yxy	45.5778, 0.2525, 0.2729
Android (android.graphics.Color)	4287543523 (0xFF8EB8E3)
YUV	176.3440, 24.9734, -30.1197
Hunter-Lab	67.5113, -6.6454, -22.3538

Details

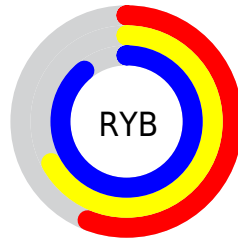
The Yxy color **45.5778, 0.2525, 0.2729** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.0280, 0.3854, 0.3788**, and the grayscale version is **43.4943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5459, 0.2782, 0.3130**, and **21.2476, 0.2367, 0.2580** is the 20% darker color. If you saturate the color by 10%, you get **39.1862, 0.2363, 0.2546**, and if you desaturate by 10%, it is **52.7703, 0.2690, 0.2899**.

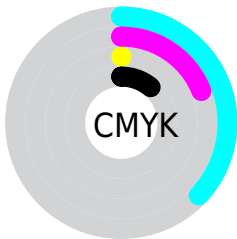
Distribution



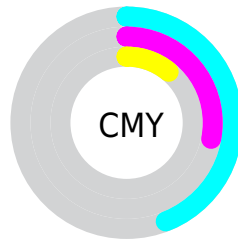
- Red (56%)
- Green (72%)
- Blue (89%)



- Red (56%)
- Yellow (67%)
- Blue (89%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5778, 0.2525, 0.2729 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 45.5778, 0.2525, 0.2729 by changing the saturation by 10% instead.

■ 45.5778, 0.2525,
0.2729

■ 45.5778, 0.2525,
0.2729

■ 369.1087, 0.2820,
0.3007

■ 31.9128, 0.2454,
0.2661

■ 83.5868, 0.2631,
0.2829

■ 21.2949, 0.2364,
0.2575

■ 108.6995, 0.2671,
0.2867

■ 13.3397, 0.2247,
0.2462

■ 138.3970, 0.2705,
0.2899

■ 7.6629, 0.2090,
0.2309

■ 173.0636, 0.2735,
0.2927

■ 3.8800, 0.1870,
0.2092

■ 213.0836, 0.2760,
0.2951

■ 1.6067, 0.1545,
0.1766

■ 258.8415, 0.2783,

■ 0.3621, 0.0755,

0.2972

0.1050

310.7218, 0.2803,
0.2991

0.0000, 0.0000,
0.0000

45.5778, 0.2525,
0.2729

45.5778, 0.2525,
0.2729

39.1862, 0.2363,
0.2546

52.7703, 0.2690,
0.2899

33.5559, 0.2210,
0.2354

60.7902, 0.2853,
0.3055

28.6517, 0.2070,
0.2155

69.6689, 0.3013,
0.3195

24.4320, 0.1948,
0.1956

79.4347, 0.3166,
0.3321

20.8498, 0.1850,
0.1762

90.0053, 0.3307,
0.3433

■ 17.8448, 0.1776,
0.1579

■ 97.0478, 0.3294,
0.3543

■ 17.1425, 0.1759,
0.1534

■ 98.3274, 0.3291,
0.3562

Harmonies

Analogous

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



45.5778, 0.2440, 0.2916



45.5778, 0.2525, 0.2729



45.5778, 0.2764, 0.2692

Triad

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



45.5778, 0.2525, 0.2729



45.5778, 0.3766, 0.3299



45.5778, 0.3108, 0.3864

Complementary

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



45.5778, 0.2525, 0.2729



53.0280, 0.3854, 0.3788

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.



45.5778, 0.3472, 0.3954



45.5778, 0.2525, 0.2729



45.5778, 0.3865, 0.3599

Square

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



45.5778, 0.2525, 0.2729



45.5778, 0.3484, 0.3012



45.5778, 0.3753, 0.3844



45.5778, 0.2764, 0.3587

Rectangle

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



45.5778, 0.2525, 0.2729



45.5778, 0.2988, 0.2747



45.5778, 0.3753, 0.3844



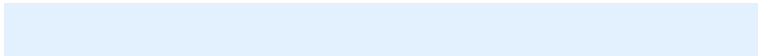
45.5778, 0.3232, 0.3917

Sweetspot

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



45.5796, 0.2525, 0.2729



86.3303, 0.2955, 0.3146



64.1909, 0.2834, 0.3842



18.1385, 0.2934, 0.3127



0.0000, 0.0000, 0.0000



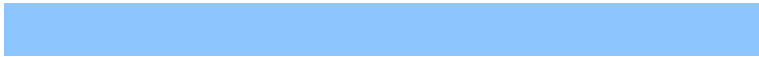
21.4041, 0.3127, 0.3290

Same Dimension

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



45.5796, 0.2525, 0.2729



52.6935, 0.2397, 0.2586



30.6677, 0.2442, 0.2157



15.0559, 0.2981, 0.3168



10.2279, 0.1767, 0.1560



0.9415, 0.1841, 0.1827

Inverse Universe

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



39.1591, 0.3587, 0.2808



44.1149, 0.3727, 0.2708



73.2408, 0.3688, 0.4217



14.4860, 0.3215, 0.3175



10.2302, 0.4982, 0.2518



0.7747, 0.4654, 0.2337

Previews

White Background



This preview shows how the Yxy color 45.5778, 0.2525, 0.2729 looks on a white background.

Color Contrast Check

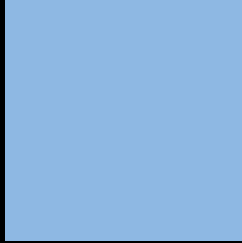
Large Text (above 18pt) WCAG AA × Fail

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 45.5778, 0.2525, 0.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

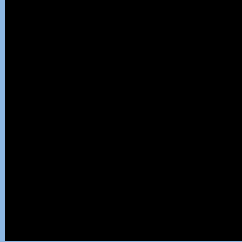
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

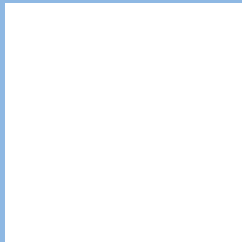
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5778, 0.2525, 0.2729

Background



This preview shows how black text looks on a background with the Yxy color 45.5778, 0.2525, 0.2729.



This preview shows how white text looks on a background with the Yxy color 45.5778, 0.2525, 0.2729.

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

45.5778, 0.2525, 0.2729

Protanopia

45.5497, 0.2730, 0.2735

Deuteranopia

45.3657, 0.2697, 0.2633



Tritanopia

45.5125, 0.2635, 0.3082

Trichromacy



Original Color

45.5778, 0.2525, 0.2729

Protanomaly

45.3953, 0.2648, 0.2728

Deuteranomaly

45.3152, 0.2629, 0.2670

Tritanomaly

45.6974, 0.2592, 0.2952

Monochromacy



Original Color

45.5778, 0.2525, 0.2729

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0728, 0.2880, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5778, 0.2525, 0.2729 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(142, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(142, 184, 227)  
}
```

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(142, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 184, 227) }
```

Border

The CSS property to change the border of an element to Yxy 45.5778, 0.2525, 0.2729 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(142, 184, 227) }
```

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

```
.border{ border-color:rgb(142, 184, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(142, 184,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5778, 0.2525, 0.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 184, 227) }
```

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

```
.background{ background-color: rgb(142,  
184, 227) }
```

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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