

Converting Colors

$Y_{xy}(26.8304, 0.2557, 0.2503)$

Have a look what the booklet for
Yxy(26.8304, 0.2557, 0.2503)
contains.

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Color

Yxy(26.7389, 0.2556, 0.2496)

Conversions

Conversions Part 1

Format	Color
Hex	7F8BBF
RGB	127, 139, 191
RGB Percent	50%, 55%, 75%
CMY	0.5022, 0.4548, 0.2510
CMYK	0.34, 0.27, 0.00, 0.25
HSL	229°, 33%, 62%
HSV	229°, 34%, 75%
XYZ	27.3817, 26.7389, 53.0064
YIQ	141.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

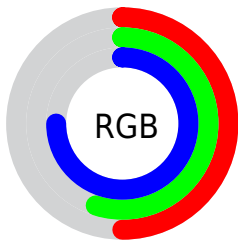
Format	Color
R_YB	127, 137, 191
Decimal	8358847
CIE Lab	58.73, 8.11, -28.48
CIE LCh	59, 29.616, 285.884
Yxy	26.7389, 0.2556, 0.2496
Android (android.graphics.Color)	4286548927 (0xFF7F8BBF)
YUV	141.3400, 24.4824, -12.5762
Hunter-Lab	51.7097, 4.0286, -24.5801

Details

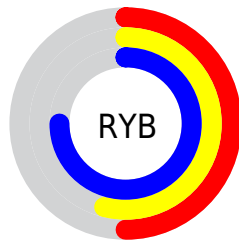
The Yxy color $26.7389, 0.2556, 0.2496$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $44.8134, 0.3673, 0.3974$, and the grayscale version is $26.6823, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3003, 0.2668, 0.2642$, and $10.4468, 0.2361, 0.2245$ is the 20% darker color. If you saturate the color by 10%, you get $21.2355, 0.2363, 0.2209$, and if you desaturate by 10%, it is $33.1585, 0.2742, 0.2763$.

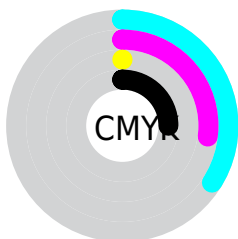
Distribution



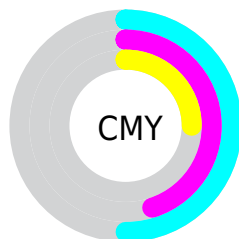
- Red (50%)
- Green (55%)
- Blue (75%)



- Red (50%)
- Yellow (54%)
- Blue (75%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7389, 0.2556, 0.2496 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 26.7389, 0.2556, 0.2496 by changing the saturation by 10% instead.

■ 26.7389, 0.2556,
0.2496

■ 26.7389, 0.2556,
0.2496

■ 286.3907, 0.2864,
0.2912

■ 17.3772, 0.2472,
0.2387

■ 54.4646, 0.2673,
0.2651

■ 10.5038, 0.2361,
0.2245

■ 73.5974, 0.2715,
0.2708

■ 5.7343, 0.2208,
0.2053

■ 96.7561, 0.2751,
0.2756

■ 2.6842, 0.1984,
0.1782

■ 124.3250, 0.2780,
0.2797

■ 0.9692, 0.1636,
0.1382

■ 156.6885, 0.2806,
0.2832

■ 0.0000, 0.0294,
0.0000

■ 194.2310, 0.2828,

■ 0.0000, 0.0000,

0.2862

0.0000

237.3369, 0.2847,
0.2889

■ 26.7389, 0.2556,
0.2496

■ 26.7389, 0.2556,
0.2496

■ 21.2355, 0.2363,
0.2209

■ 33.1585, 0.2742,
0.2763

■ 16.6029, 0.2169,
0.1909

■ 40.5309, 0.2915,
0.3005

■ 12.7962, 0.1984,
0.1610

■ 48.8942, 0.3074,
0.3220

■ 9.7654, 0.1820,
0.1326

■ 58.2837, 0.3218,
0.3410

■ 7.4543, 0.1687,
0.1076

■ 68.7328, 0.3347,
0.3575

■ 5.7988, 0.1592,
0.0876

■ 80.2734, 0.3462,
0.3719

■ 5.0246, 0.1549,
0.0776

■ 91.8512, 0.3525,
0.3851

■ 96.5415, 0.3508,
0.3919

Harmonies

Analogous

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



26.7389, 0.2289, 0.2578



26.7389, 0.2556, 0.2496



26.7389, 0.2990, 0.2597

Triad

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



26.7389, 0.2556, 0.2496



26.7389, 0.4120, 0.3599



26.7389, 0.2727, 0.3796

Complementary

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



26.7389, 0.2556, 0.2496



44.8134, 0.3673, 0.3974

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.



26.7389, 0.3200, 0.4133



26.7389, 0.2556, 0.2496



26.7389, 0.4020, 0.3958

Square

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



26.7389, 0.2556, 0.2496



26.7389, 0.3926, 0.3204



26.7389, 0.3676, 0.4175



26.7389, 0.2378, 0.3303

Rectangle

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



26.7389, 0.2556, 0.2496



26.7389, 0.3329, 0.2751



26.7389, 0.3676, 0.4175



26.7389, 0.2876, 0.3936

Sweetspot

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



26.7399, 0.2556, 0.2496



77.4554, 0.2971, 0.3080



44.9898, 0.2737, 0.3475



16.5536, 0.2948, 0.3049



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.7399, 0.2556, 0.2496



40.7343, 0.2419, 0.2294



25.0498, 0.2710, 0.2352



9.5088, 0.2984, 0.3098



3.3914, 0.1554, 0.0794



0.2221, 0.1672, 0.1219

Inverse Universe

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



28.1037, 0.3751, 0.3126



43.9391, 0.3947, 0.3091



47.5372, 0.3455, 0.4166



9.5650, 0.3259, 0.3247



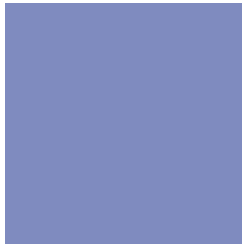
7.3721, 0.6080, 0.3123



0.2978, 0.5440, 0.2770

Previews

White Background



This preview shows how the Yxy color 26.7389, 0.2556, 0.2496 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7389, 0.2556, 0.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

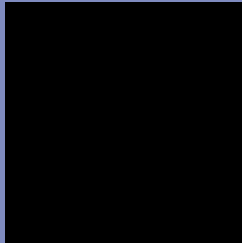
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7389, 0.2556, 0.2496

Background



This preview shows how black text looks on a background with the Yxy color 26.7389, 0.2556, 0.2496.



This preview shows how white text looks on a background with the Yxy color 26.7389, 0.2556, 0.2496.

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

26.7389, 0.2556, 0.2496

Protanopia

26.6624, 0.2548, 0.2494

Deuteranopia

26.7389, 0.2556, 0.2496



Tritanopia

26.6071, 0.2763, 0.3087

Trichromacy



Original Color

26.7389, 0.2556, 0.2496

Protanomaly

26.6624, 0.2548, 0.2494

Deuteranomaly

26.7389, 0.2556, 0.2496

Tritanomaly

26.6471, 0.2689, 0.2865

Monochromacy



Original Color

26.7389, 0.2556, 0.2496

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4936, 0.2903, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7389, 0.2556, 0.2496 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(127, 139, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 139, 191)  
}
```

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(127, 139, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 139, 191) }
```

Border

The CSS property to change the border of an element to Yxy 26.7389, 0.2556, 0.2496 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(127, 139, 191) }
```

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

```
.border{ border-color:rgb(127, 139, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 139, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 139, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 139, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 139,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7389, 0.2556, 0.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 139, 191) }
```

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

```
.background{ background-color: rgb(127,  
139, 191) }
```

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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