

Converting Colors

$Y_{xy}(41.3736, 0.2620, 0.2756)$

Have a look what the booklet for
Yxy(41.3736, 0.2620, 0.2756)
contains.

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Color

Yxy(41.3302, 0.2618, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	93AED6
RGB	147, 174, 214
RGB Percent	58%, 68%, 84%
CMY	0.4232, 0.3177, 0.1607
CMYK	0.31, 0.19, 0.00, 0.16
HSL	216°, 45%, 71%
HSV	216°, 31%, 84%
XYZ	39.3178, 41.3302, 69.5345
YIQ	170.4870, -28.9320, 6.7160

Conversions

Conversions Part 2

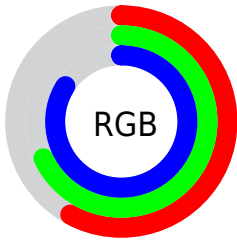
Format	Color
R _Y B	147, 166, 214
Decimal	9678550
CIE Lab	70.41, 0.11, -23.25
CIE LCh	70, 23.254, 270.270
Yxy	41.3302, 0.2618, 0.2752
Android (android.graphics.Color)	4287868630 (0xFF93AED6)
YUV	170.4870, 21.4519, -20.5981
Hunter-Lab	64.2886, -3.3375, -19.1260

Details

The Yxy color $41.3302, 0.2618, 0.2752$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $51.9953, 0.3687, 0.3773$, and the grayscale version is $40.3632, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8152, 0.2797, 0.3011$, and $18.8020, 0.2473, 0.2607$ is the 20% darker color. If you saturate the color by 10%, you get $34.8211, 0.2445, 0.2544$, and if you desaturate by 10%, it is $48.6820, 0.2788, 0.2943$.

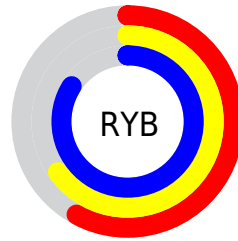
Distribution



Red (58%)

Green (68%)

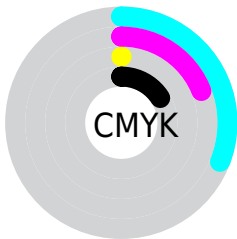
Blue (84%)



Red (58%)

Yellow (65%)

Blue (84%)

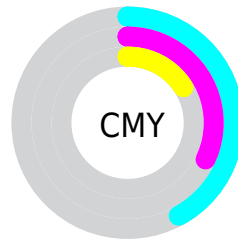


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3302, 0.2618, 0.2752 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 41.3302, 0.2618, 0.2752 by changing the saturation by 10% instead.

■ 41.3302, 0.2618,
0.2752

■ 41.3302, 0.2618,
0.2752

351.6988, 0.2874,
0.3022

■ 28.5772, 0.2554,
0.2685

■ 77.1849, 0.2711,
0.2850

■ 18.7612, 0.2473,
0.2599

■ 101.0554, 0.2746,
0.2887

■ 11.4979, 0.2366,
0.2486

129.4004, 0.2775,
0.2918

■ 6.4028, 0.2218,
0.2329

162.6045, 0.2801,
0.2945

■ 3.0915, 0.2003,
0.2103

201.0520, 0.2822,
0.2968

■ 1.1797, 0.1670,
0.1752

245.1273, 0.2842,

■ 0.0450, 0.0233,

0.2988

0.0230

295.2147, 0.2859,
0.3006

0.0000, 0.0000,
0.0000

41.3302, 0.2618,
0.2752

41.3302, 0.2618,
0.2752

34.8211, 0.2445,
0.2544

48.6820, 0.2788,
0.2943

29.1162, 0.2275,
0.2322

56.9029, 0.2952,
0.3117

24.1809, 0.2114,
0.2091

66.0244, 0.3108,
0.3272

19.9760, 0.1967,
0.1858

76.0746, 0.3254,
0.3409

16.4575, 0.1843,
0.1631

87.0803, 0.3389,
0.3529

■ 13.5752, 0.1746,
0.1419

■ 94.9725, 0.3376,
0.3651

■ 11.5154, 0.1681,
0.1251

■ 97.6359, 0.3369,
0.3691

Harmonies

Analogous

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



41.3302, 0.2500, 0.2891



41.3302, 0.2618, 0.2752



41.3302, 0.2870, 0.2752

Triad

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



41.3302, 0.2618, 0.2752



41.3302, 0.3754, 0.3374



41.3302, 0.3024, 0.3761

Complementary

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



41.3302, 0.2618, 0.2752



51.9953, 0.3687, 0.3773

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.



41.3302, 0.3362, 0.3893



41.3302, 0.2618, 0.2752



41.3302, 0.3794, 0.3643

Square

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



41.3302, 0.2618, 0.2752



41.3302, 0.3533, 0.3100



41.3302, 0.3647, 0.3840



41.3302, 0.2725, 0.3479

Rectangle

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



41.3302, 0.2618, 0.2752



41.3302, 0.3089, 0.2823



41.3302, 0.3647, 0.3840



41.3302, 0.3137, 0.3825

Sweetspot

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



41.3318, 0.2618, 0.2752



87.4576, 0.2987, 0.3152



57.8625, 0.2844, 0.3659



18.3081, 0.2964, 0.3128



0.0000, 0.0000, 0.0000



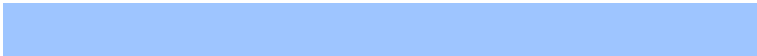
21.4041, 0.3127, 0.3290

Same Dimension

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



41.3318, 0.2618, 0.2752



54.4540, 0.2495, 0.2606



32.4860, 0.2619, 0.2386



12.8199, 0.2982, 0.3147



7.1507, 0.1689, 0.1278



0.5912, 0.1785, 0.1624

Inverse Universe

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



38.2454, 0.3550, 0.2963



49.7813, 0.3686, 0.2887



63.6845, 0.3552, 0.4078



12.5027, 0.3229, 0.3197



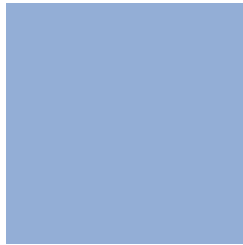
9.0667, 0.5356, 0.2724



0.5630, 0.4901, 0.2473

Previews

White Background



This preview shows how the Yxy color 41.3302, 0.2618, 0.2752 looks on a white background.

Color Contrast Check

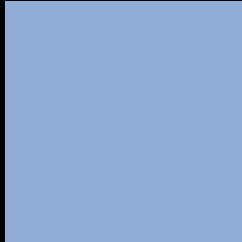
Large Text (above 18pt) WCAG AA × Fail

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 41.3302, 0.2618, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

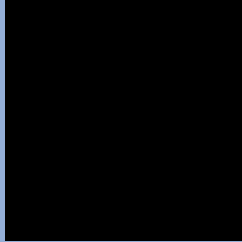
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

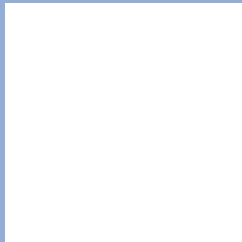
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3302, 0.2618, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 41.3302, 0.2618, 0.2752.



This preview shows how white text looks on a background with the Yxy color 41.3302, 0.2618, 0.2752.

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

41.3302, 0.2618, 0.2752

Protanopia

41.1340, 0.2743, 0.2750

Deuteranopia

41.0186, 0.2745, 0.2681



Tritanopia

41.3973, 0.2732, 0.3091

Trichromacy



Original Color

41.3302, 0.2618, 0.2752

Protanomaly

41.0474, 0.2699, 0.2746

Deuteranomaly

41.0267, 0.2693, 0.2699

Tritanomaly

41.5437, 0.2692, 0.2970

Monochromacy



Original Color

41.3302, 0.2618, 0.2752

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7743, 0.2921, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3302, 0.2618, 0.2752 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(147, 174, 214)` looks like.

```
.text, #text, p{  
    color:rgb(147, 174, 214)  
}
```

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(147, 174, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 174, 214) }
```

Border

The CSS property to change the border of an element to Yxy 41.3302, 0.2618, 0.2752 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(147, 174, 214) }
```

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

```
.border{ border-color:rgb(147, 174, 214) }
```

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

Here you see how a box with a 4 pixel rgb(147, 174, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 174, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 174, 214);  
box-shadow:4px 4px 4px 4px rgb(147, 174,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3302, 0.2618, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 174, 214) }
```

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

```
.background{ background-color: rgb(147,  
174, 214) }
```

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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