

Converting Colors

$Y_{xy}(41.1739, 0.2718, 0.2510)$

Have a look what the booklet for
Yxy(41.1739, 0.2718, 0.2510)
contains.

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Color

Yxy(41.0956, 0.2720, 0.2507)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AEA4E3 |
| RGB | 174, 164, 227 |
| RGB Percent | 68%, 64%, 89% |
| CMY | 0.3178, 0.3568, 0.1099 |
| CMYK | 0.23, 0.28, 0.00, 0.11 |
| HSL | 249°, 53%, 77% |
| HSV | 249°, 28%, 89% |
| XYZ | 44.5872, 41.0956, 78.2406 |
| YIQ | 174.1720, -14.2630, 21.7130 |

Conversions

Conversions Part 2

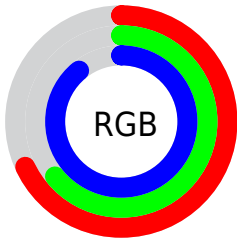
| Format | Color |
|-------------------------------------|--|
| RYB | 174, 164, 227 |
| Decimal | 11445475 |
| CIELab | 70.24, 16.77, -30.44 |
| CIELCh | 70, 34.755, 298.843 |
| Yxy | 41.0956, 0.2720, 0.2507 |
| Android (android.graphics.Color) | 4289635555 (0xFFAEA4E3) |
| YUV | 174.1720, 26.0442, -0.1508 |
| Hunter-Lab | 64.1058, 11.9658, -27.4888 |

Details

The Yxy color $41.0956, 0.2720, 0.2507$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72.3663, 0.3470, 0.3999$, and the grayscale version is $42.2879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.7060, 0.2972, 0.2921$, and $18.5217, 0.2598, 0.2303$ is the 20% darker color. If you saturate the color by 10%, you get $31.6433, 0.2540, 0.2176$, and if you desaturate by 10%, it is $52.3134, 0.2884, 0.2815$.

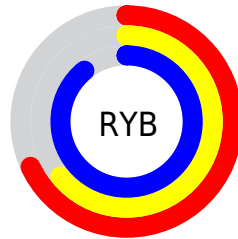
Distribution



Red (68%)

Green (64%)

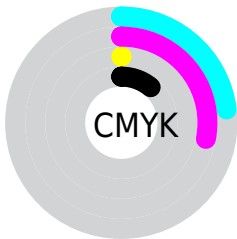
Blue (89%)



Red (68%)

Yellow (64%)

Blue (89%)

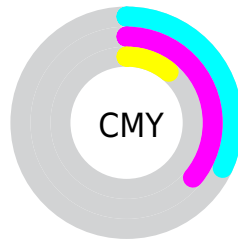


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0956, 0.2720, 0.2507 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 41.0956, 0.2720, 0.2507 by changing the saturation by 10% instead.

■ 41.0956, 0.2720,
0.2507

■ 41.0956, 0.2720,
0.2507

350.7200, 0.2929,
0.2886

■ 28.3938, 0.2667,
0.2417

■ 76.8290, 0.2797,
0.2642

■ 18.6227, 0.2599,
0.2304

■ 100.6294, 0.2825,
0.2693

■ 11.3980, 0.2508,
0.2159

128.8981, 0.2849,
0.2737

■ 6.3352, 0.2382,
0.1967

162.0195, 0.2870,
0.2775

■ 3.0500, 0.2198,
0.1703

200.3780, 0.2888,
0.2808

■ 1.1579, 0.1909,
0.1327

244.3580, 0.2903,

■ 0.0269, 0.1368,

0.2837

0.0085

294.3438, 0.2917,
0.2863

0.0000, 0.0000,
0.0000

41.0956, 0.2720,
0.2507

41.0956, 0.2720,
0.2507

31.6433, 0.2540,
0.2176

52.3134, 0.2884,
0.2815

23.8612, 0.2347,
0.1835

65.3755, 0.3028,
0.3095

17.6528, 0.2151,
0.1500

80.3618, 0.3154,
0.3344

12.9093, 0.1964,
0.1193

97.3462, 0.3262,
0.3563

9.5081, 0.1798,
0.0939

98.3250, 0.3292,
0.3562

■ 7.3059, 0.1666,
0.0756

■ 6.1109, 0.1575,
0.0650

■ 5.9172, 0.1559,
0.0633

Harmonies

Analogous

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



41.0956, 0.2369, 0.2507



41.0956, 0.2720, 0.2507



41.0956, 0.3209, 0.2680

Triad

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



41.0956, 0.2720, 0.2507



41.0956, 0.4129, 0.3770



41.0956, 0.2546, 0.3595

Complementary

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



41.0956, 0.2720, 0.2507



72.3663, 0.3470, 0.3999

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.



41.0956, 0.2985, 0.4033



41.0956, 0.2720, 0.2507



41.0956, 0.3908, 0.4089

Square

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



41.0956, 0.2720, 0.2507



41.0956, 0.4061, 0.3374



41.0956, 0.3484, 0.4210



41.0956, 0.2273, 0.3090

Rectangle

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



41.0956, 0.2720, 0.2507



41.0956, 0.3554, 0.2873



41.0956, 0.3484, 0.4210



41.0956, 0.2678, 0.3760

Sweetspot

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



41.0972, 0.2720, 0.2507



84.5541, 0.3024, 0.3086



63.3424, 0.2713, 0.3175



17.5154, 0.3003, 0.3046



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.



41.0972, 0.2720, 0.2507



46.4966, 0.2623, 0.2328



45.0742, 0.2972, 0.2561



13.9959, 0.3005, 0.3049



3.4840, 0.1568, 0.0637



0.2910, 0.1687, 0.0703

Inverse Universe

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



47.8975, 0.3243, 0.2702



56.7227, 0.3270, 0.2585



68.0548, 0.3242, 0.4054



14.5741, 0.3162, 0.3094



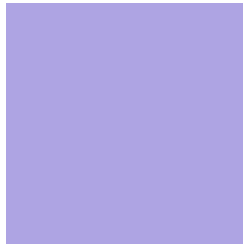
11.7363, 0.3652, 0.1786



0.8778, 0.3577, 0.1744

Previews

White Background



This preview shows how the Yxy color 41.0956, 0.2720, 0.2507 looks on a white background.

Color Contrast Check

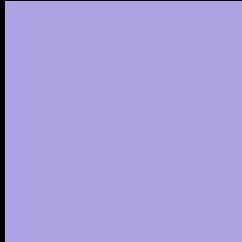
Large Text (above 18pt) WCAG AA × Fail

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 41.0956, 0.2720, 0.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

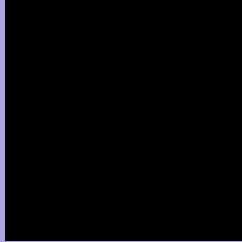
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0956, 0.2720, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 41.0956, 0.2720, 0.2507.



This preview shows how white text looks on a background with the Yxy color 41.0956, 0.2720, 0.2507.

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

41.0956, 0.2720, 0.2507

Protanopia

41.3890, 0.2555, 0.2510

Deuteranopia

41.2378, 0.2620, 0.2559



Tritanopia

41.1148, 0.2970, 0.3112

Trichromacy



Original Color

41.0956, 0.2720, 0.2507

Protanomaly

41.2955, 0.2607, 0.2505

Deuteranomaly

41.0209, 0.2654, 0.2540

Tritanomaly

40.9811, 0.2878, 0.2879

Monochromacy



Original Color

41.0956, 0.2720, 0.2507

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5984, 0.2975, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0956, 0.2720, 0.2507 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(174, 164, 227)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 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(174, 164, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 227) }
```

Border

The CSS property to change the border of an element to Yxy 41.0956, 0.2720, 0.2507 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(174, 164, 227) }
```

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

```
.border{ border-color:rgb(174, 164, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 227);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0956, 0.2720, 0.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 227) }
```

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

```
.background{ background-color: rgb(174,  
164, 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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