

Converting Colors

$Y_{xy}(21.4895, 0.2981, 0.2644)$

Have a look what the booklet for
Yxy(21.4895, 0.2981, 0.2644)
contains.

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Color

Yxy(21.6261, 0.2982, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	90779F
RGB	144, 119, 159
RGB Percent	56%, 47%, 62%
CMY	0.4354, 0.5333, 0.3765
CMYK	0.09, 0.25, 0.00, 0.38
HSL	277°, 17%, 55%
HSV	277°, 25%, 62%
XYZ	24.3539, 21.6261, 35.6896
YIQ	131.0350, 2.0600, 17.7400

Conversions

Conversions Part 2

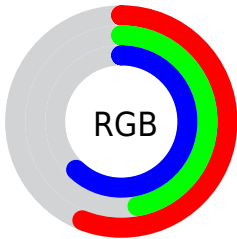
Format	Color
R_{YB}	144, 119, 159
Decimal	9467807
CIE _{Lab}	53.63, 17.45, -17.85
CIE _{LCh}	54, 24.965, 314.359
Yxy	21.6261, 0.2982, 0.2648
Android (android.graphics.Color)	4287657887 (0xFF90779F)
YUV	131.0350, 13.7867, 11.3703
Hunter-Lab	46.5039, 12.0979, -12.9497

Details

The Yxy color $21.6261, 0.2982, 0.2648$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $31.1974, 0.3240, 0.3955$, and the grayscale version is $22.6594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.9866, 0.3014, 0.2773$, and $7.7690, 0.2920, 0.2425$ is the 20% darker color. If you saturate the color by 10%, you get $17.6301, 0.2908, 0.2373$, and if you desaturate by 10%, it is $26.2855, 0.3047, 0.2915$.

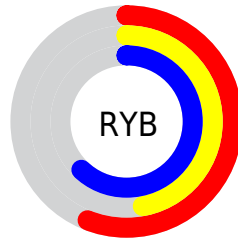
Distribution



Red (56%)

Green (47%)

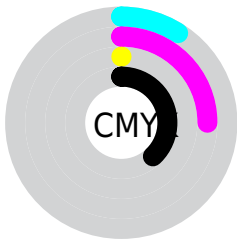
Blue (62%)



Red (56%)

Yellow (47%)

Blue (62%)

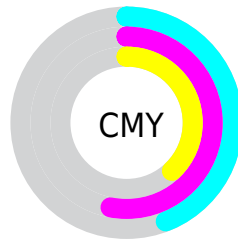


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (44%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6261, 0.2982, 0.2648 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 21.6261, 0.2982, 0.2648 by changing the saturation by 10% instead.


 21.6261, 0.2982,
0.2648


 21.6261, 0.2982,
0.2648


260.5874, 0.3068,
0.2995


 13.5824, 0.2955,
0.2553


 46.1272, 0.3017,
0.2780

 7.8308, 0.2916,
0.2424


 63.3535, 0.3029,
0.2828

 3.9869, 0.2855,
0.2244


 84.4094, 0.3039,
0.2868

 1.6662, 0.2752,
0.1972

109.6793, 0.3047,
0.2901

 0.4016, 0.2615,
0.1300

139.5477, 0.3054,
0.2930

 0.0000, 0.0000,
0.0000

174.3989, 0.3059,

0.2954

214.6174, 0.3064,
0.2976

■ 21.6261, 0.2982,
0.2648

■ 21.6261, 0.2982,
0.2648

■ 17.6301, 0.2908,
0.2373

■ 26.2855, 0.3047,
0.2915

■ 14.2629, 0.2824,
0.2097

■ 31.6352, 0.3102,
0.3167

■ 11.4906, 0.2732,
0.1831

■ 37.7041, 0.3149,
0.3402

■ 9.2754, 0.2635,
0.1587

■ 44.5185, 0.3188,
0.3617

■ 7.5746, 0.2535,
0.1376

■ 52.1033, 0.3219,
0.3814

6.3392, 0.2436,
0.1208

60.4824, 0.3245,
0.3991

5.5069, 0.2341,
0.1089

69.6784, 0.3266,
0.4151

5.1728, 0.2296,
0.1039

79.7132, 0.3283,
0.4294

85.9892, 0.3308,
0.4361

Harmonies

Analogous

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



21.6261, 0.2592, 0.2565



21.6261, 0.2982, 0.2648



21.6261, 0.3441, 0.2873

Triad

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



21.6261, 0.2982, 0.2648



21.6261, 0.3948, 0.3887



21.6261, 0.2458, 0.3328

Complementary

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



21.6261, 0.2982, 0.2648



31.1974, 0.3240, 0.3955

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.



21.6261, 0.2786, 0.3766



21.6261, 0.2982, 0.2648



21.6261, 0.3648, 0.4086

Square

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



21.6261, 0.2982, 0.2648



21.6261, 0.4023, 0.3559



21.6261, 0.3220, 0.4055



21.6261, 0.2308, 0.2918

Rectangle

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



21.6261, 0.2982, 0.2648



21.6261, 0.3720, 0.3082



21.6261, 0.3220, 0.4055



21.6261, 0.2550, 0.3479

Sweetspot

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



21.6270, 0.2982, 0.2648



53.6483, 0.3086, 0.3093



23.5696, 0.2731, 0.2868



11.7781, 0.3079, 0.3057



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



21.6270, 0.2982, 0.2648



34.7096, 0.2943, 0.2500



22.9108, 0.3208, 0.2747



6.6301, 0.3081, 0.3066



4.1102, 0.2304, 0.1043



0.0970, 0.2680, 0.1250

Inverse Universe

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



22.2885, 0.3451, 0.3052



36.1464, 0.3543, 0.2998



30.1647, 0.3055, 0.3901



6.6853, 0.3228, 0.3206



6.0845, 0.5426, 0.2763



0.1167, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 21.6261, 0.2982, 0.2648 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 21.6261, 0.2982, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

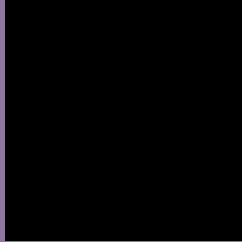
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6261, 0.2982, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 21.6261, 0.2982, 0.2648.



This preview shows how white text looks on a background with the Yxy color 21.6261, 0.2982, 0.2648.

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

21.6261, 0.2982, 0.2648

Protanopia

21.8173, 0.2667, 0.2646

Deuteranopia

21.8260, 0.2799, 0.2747



Tritanopia

21.6842, 0.3219, 0.3136

Trichromacy



Original Color

21.6261, 0.2982, 0.2648

Protanomaly

21.6488, 0.2771, 0.2640

Deuteranomaly

21.6211, 0.2871, 0.2707

Tritanomaly

21.5348, 0.3131, 0.2954

Monochromacy



Original Color

21.6261, 0.2982, 0.2648

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.3361, 0.3080, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6261, 0.2982, 0.2648 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(144, 119, 159)` looks like.

```
.text, #text, p{  
    color:rgb(144, 119, 159)  
}
```

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(144, 119, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 119, 159) }
```

Border

The CSS property to change the border of an element to Yxy 21.6261, 0.2982, 0.2648 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(144, 119, 159) }
```

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

```
.border{ border-color:rgb(144, 119, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 119, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 119, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 119, 159);  
box-shadow:4px 4px 4px 4px rgb(144, 119,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6261, 0.2982, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 119, 159) }
```

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

```
.background{ background-color: rgb(144,  
119, 159) }
```

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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