

Converting Colors

$Y_{xy}(21.5088, 0.3152, 0.2593)$

Have a look what the booklet for
Yxy(21.5088, 0.3152, 0.2593)
contains.

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Color

Yxy(21.5480, 0.3160, 0.2601)

Conversions

Conversions Part 1

Format	Color
Hex	9E719E
RGB	158, 113, 158
RGB Percent	62%, 44%, 62%
CMY	0.3803, 0.5569, 0.3805
CMYK	0.00, 0.28, 0.00, 0.38
HSL	300°, 19%, 53%
HSV	300°, 28%, 62%
XYZ	26.1790, 21.5480, 35.1180
YIQ	131.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

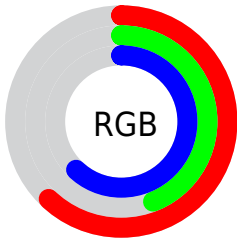
Format	Color
R _Y B	158, 113, 158
Decimal	10383774
CIE Lab	53.54, 25.56, -17.25
CIE LCh	54, 30.838, 325.978
Yxy	21.5480, 0.3160, 0.2601
Android (android.graphics.Color)	4288573854 (0xFF9E719E)
YUV	131.5850, 13.0226, 23.1660
Hunter-Lab	46.4198, 19.4326, -12.3608

Details

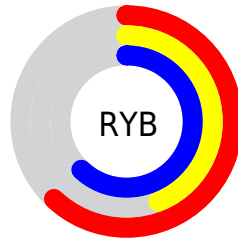
The Yxy color $21.5480, 0.3160, 0.2601$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.1652, 0.3089, 0.4091$, and the grayscale version is $22.8671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.8605, 0.3153, 0.2733$, and $7.7925, 0.3153, 0.2355$ is the 20% darker color. If you saturate the color by 10%, you get $18.3243, 0.3171, 0.2365$, and if you desaturate by 10%, it is $25.3876, 0.3148, 0.2844$.

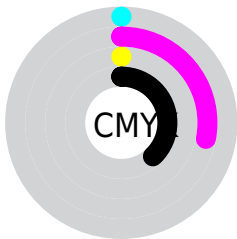
Distribution



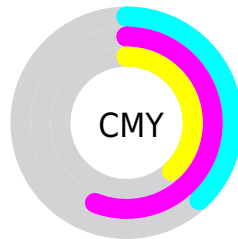
- Red (62%)
- Green (44%)
- Blue (62%)



- Red (62%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)




- Cyan (38%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5480, 0.3160, 0.2601 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 21.5480, 0.3160, 0.2601 by changing the saturation by 10% instead.


 21.5480, 0.3160,
0.2601


 21.5480, 0.3160,
0.2601


260.1766, 0.3149,
0.2970


 13.5252, 0.3160,
0.2501


 45.9978, 0.3158,
0.2741


 7.7912, 0.3158,
0.2367


 63.1935, 0.3156,
0.2792

 3.9616, 0.3151,
0.2180

 84.2157, 0.3155,
0.2834

 1.6521, 0.3129,
0.1902

 109.4487, 0.3154,
0.2870

 0.3924, 0.3146,
0.1226

139.2769, 0.3153,
0.2900

 0.0000, 0.0000,
0.0000

174.0847, 0.3151,

0.2926

214.2565, 0.3150,
0.2949

■ 21.5480, 0.3160,
0.2601

■ 21.5480, 0.3160,
0.2601

■ 18.3243, 0.3171,
0.2365

■ 25.3876, 0.3148,
0.2844

■ 15.6817, 0.3182,
0.2147

■ 29.8696, 0.3137,
0.3088

■ 13.5865, 0.3191,
0.1953

■ 35.0228, 0.3125,
0.3325

■ 12.0004, 0.3199,
0.1794

■ 40.8730, 0.3115,
0.3552

■ 10.8800, 0.3205,
0.1673

■ 47.4449, 0.3105,
0.3764

■ 10.1749, 0.3209,
0.1594

■ 54.7619, 0.3095,
0.3961

■ 9.7875, 0.3211,
0.1549

■ 62.8465, 0.3087,
0.4142

■ 9.7357, 0.3212,
0.1543

■ 71.7199, 0.3079,
0.4307

■ 81.2640, 0.3072,
0.4454

Harmonies

Analogous

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



21.5480, 0.2635, 0.2429



21.5480, 0.3160, 0.2601



21.5480, 0.3722, 0.2921

Triad

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



21.5480, 0.3160, 0.2601



21.5480, 0.4016, 0.4135



21.5480, 0.2213, 0.3115

Complementary

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



21.5480, 0.3160, 0.2601



29.1652, 0.3089, 0.4091

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.



21.5480, 0.2527, 0.3679



21.5480, 0.3160, 0.2601



21.5480, 0.3564, 0.4306

Square

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



21.5480, 0.3160, 0.2601



21.5480, 0.4235, 0.3767



21.5480, 0.3018, 0.4148



21.5480, 0.2127, 0.2674

Rectangle

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



21.5480, 0.3160, 0.2601



21.5480, 0.4023, 0.3190



21.5480, 0.3018, 0.4148



21.5480, 0.2293, 0.3298

Sweetspot

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



21.5489, 0.3160, 0.2601



53.6324, 0.3138, 0.3071



17.7895, 0.2643, 0.2489



11.8239, 0.3139, 0.3038



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.



21.5489, 0.3160, 0.2601



35.3799, 0.3167, 0.2454



20.8447, 0.3434, 0.2931



6.7545, 0.3138, 0.3070



7.7949, 0.3211, 0.1543



0.1394, 0.3211, 0.1542

Inverse Universe

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



21.5489, 0.3160, 0.2601



35.3799, 0.3167, 0.2454



29.7357, 0.2902, 0.3680



6.7545, 0.3138, 0.3070



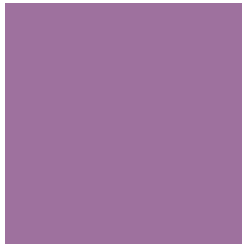
7.7949, 0.3211, 0.1543



0.1394, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 21.5480, 0.3160, 0.2601 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 21.5480, 0.3160, 0.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

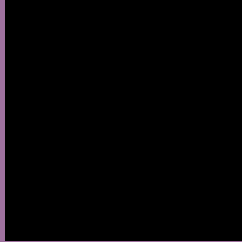
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5480, 0.3160, 0.2601

Background



This preview shows how black text looks on a background with the Yxy color 21.5480, 0.3160, 0.2601.



This preview shows how white text looks on a background with the Yxy color 21.5480, 0.3160, 0.2601.

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

21.5480, 0.3160, 0.2601

Protanopia

21.7878, 0.2622, 0.2598

Deuteranopia

21.5796, 0.2827, 0.2762



Tritanopia

21.6222, 0.3463, 0.3144

Trichromacy



Original Color

21.5480, 0.3160, 0.2601

Protanomaly

21.5049, 0.2801, 0.2599

Deuteranomaly

21.5123, 0.2935, 0.2698

Tritanomaly

21.5552, 0.3344, 0.2937

Monochromacy



Original Color

21.5480, 0.3160, 0.2601

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2530, 0.3140, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5480, 0.3160, 0.2601 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(158, 113, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 113, 158)  
}
```

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(158, 113, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 113, 158) }
```

Border

The CSS property to change the border of an element to Yxy 21.5480, 0.3160, 0.2601 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(158, 113, 158) }
```

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

```
.border{ border-color:rgb(158, 113, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 113, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 113, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 113, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 113,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5480, 0.3160, 0.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 113, 158) }
```

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

```
.background{ background-color: rgb(158,  
113, 158) }
```

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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