

Converting Colors

$Y_{xy}(21.6154, 0.3257, 0.2887)$

Have a look what the booklet for
Yxy(21.6154, 0.3257, 0.2887)
contains.

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Color

Yxy(21.6154, 0.3257, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	98768F
RGB	152, 118, 143
RGB Percent	60%, 46%, 56%
CMY	0.4039, 0.5372, 0.4392
CMYK	0.00, 0.22, 0.06, 0.40
HSL	316°, 14%, 53%
HSV	316°, 22%, 60%
XYZ	24.3856, 21.6154, 28.8704
YIQ	131.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

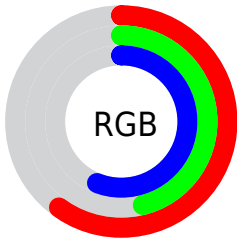
Format	Color
R_{YB}	152, 118, 143
Decimal	9991823
CIE _{Lab}	53.62, 17.64, -8.46
CIE _{LCh}	54, 19.565, 334.383
Yxy	21.6154, 0.3257, 0.2887
Android (android.graphics.Color)	4288181903 (0xFF98768F)
YUV	131.0160, 5.9081, 18.4030
Hunter-Lab	46.4924, 12.2631, -4.2728

Details

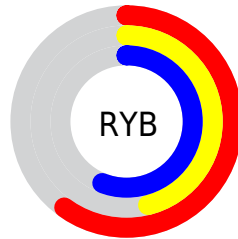
The Yxy color $21.6154, 0.3257, 0.2887$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.8432, 0.3019, 0.3730$, and the grayscale version is $22.6787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.0461, 0.3232, 0.2965$, and $7.8133, 0.3306, 0.2727$ is the 20% darker color. If you saturate the color by 10%, you get $18.2001, 0.3330, 0.2701$, and if you desaturate by 10%, it is $25.6140, 0.3193, 0.3071$.

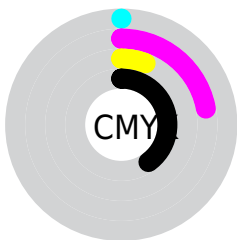
Distribution



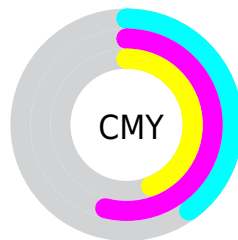
- Red (60%)
- Green (46%)
- Blue (56%)



- Red (60%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (40%)





- Cyan (40%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6154, 0.3257, 0.2887 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 21.6154, 0.3257, 0.2887 by changing the saturation by 10% instead.


 21.6154, 0.3257,
0.2887


 21.6154, 0.3257,
0.2887


260.5312, 0.3187,
0.3108

 13.5746, 0.3276,
0.2825


 46.1095, 0.3230,
0.2972

 7.8254, 0.3303,
0.2739


 63.3316, 0.3220,
0.3003

 3.9834, 0.3340,
0.2616

 84.3829, 0.3212,
0.3028

 1.6643, 0.3397,
0.2424

109.6477, 0.3206,
0.3049

 0.4004, 0.3621,
0.1787

139.5106, 0.3200,
0.3067

 0.0000, 0.0000,
0.0000

174.3559, 0.3195,

0.3082

214.5679, 0.3191,
0.3096

■ 21.6154, 0.3257,
0.2887

■ 21.6154, 0.3257,
0.2887

■ 18.2001, 0.3330,
0.2701

■ 25.6140, 0.3193,
0.3071

■ 15.3375, 0.3413,
0.2519

■ 30.2187, 0.3139,
0.3249

■ 12.9988, 0.3505,
0.2350

■ 35.4548, 0.3092,
0.3418

■ 11.1511, 0.3604,
0.2203

■ 41.3451, 0.3053,
0.3576

■ 9.7581, 0.3709,
0.2087

■ 47.9115, 0.3020,
0.3723

■ 8.7782, 0.3816,
0.2011

■ 55.1745, 0.2992,
0.3858

■ 8.1623, 0.3922,
0.1981

■ 63.1542, 0.2969,
0.3983

■ 7.8396, 0.4003,
0.1979

■ 71.8696, 0.2950,
0.4096

■ 81.3390, 0.2934,
0.4200

Harmonies

Analogous

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



21.6154, 0.2903, 0.2740



21.6154, 0.3257, 0.2887



21.6154, 0.3592, 0.3128

Triad

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



21.6154, 0.3257, 0.2887



21.6154, 0.3635, 0.3882



21.6154, 0.2498, 0.3103

Complementary

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



21.6154, 0.3257, 0.2887



27.8432, 0.3019, 0.3730

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.



21.6154, 0.2673, 0.3440



21.6154, 0.3257, 0.2887



21.6154, 0.3324, 0.3914

Square

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



21.6154, 0.3257, 0.2887



21.6154, 0.3814, 0.3691



21.6154, 0.2972, 0.3750



21.6154, 0.2482, 0.2845

Rectangle

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



21.6154, 0.3257, 0.2887



21.6154, 0.3750, 0.3318



21.6154, 0.2972, 0.3750



21.6154, 0.2539, 0.3211

Sweetspot

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



21.6164, 0.3257, 0.2887



49.3244, 0.3164, 0.3165



19.6985, 0.2855, 0.2701



11.1144, 0.3167, 0.3156



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



21.6164, 0.3257, 0.2887



34.9183, 0.3293, 0.2791



21.1528, 0.3459, 0.3150



6.2957, 0.3175, 0.3128



6.5779, 0.3996, 0.1975



0.1042, 0.3586, 0.1749

Inverse Universe

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



21.6164, 0.3257, 0.2887



34.9183, 0.3293, 0.2791



28.3090, 0.2876, 0.3435



6.2957, 0.3175, 0.3128



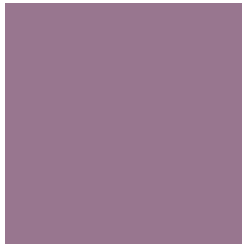
6.5779, 0.3996, 0.1975



0.1042, 0.3586, 0.1749

Previews

White Background



This preview shows how the Yxy color 21.6154, 0.3257, 0.2887 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 21.6154, 0.3257, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

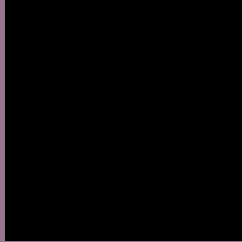
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6154, 0.3257, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 21.6154, 0.3257, 0.2887.



This preview shows how white text looks on a background with the Yxy color 21.6154, 0.3257, 0.2887.

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

21.6154, 0.3257, 0.2887

Protanopia

21.6338, 0.2865, 0.2906

Deuteranopia

21.7711, 0.3059, 0.2999



Tritanopia

21.5287, 0.3385, 0.3125

Trichromacy



Original Color

21.6154, 0.3257, 0.2887

Protanomaly

21.5902, 0.2994, 0.2898

Deuteranomaly

21.5348, 0.3131, 0.2954

Tritanomaly

21.5222, 0.3339, 0.3028

Monochromacy



Original Color

21.6154, 0.3257, 0.2887

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1599, 0.3182, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6154, 0.3257, 0.2887 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(152, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 118, 143)  
}
```

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(152, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 118, 143) }
```

Border

The CSS property to change the border of an element to Yxy 21.6154, 0.3257, 0.2887 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(152, 118, 143) }
```

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

```
.border{ border-color:rgb(152, 118, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 118, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 118,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6154, 0.3257, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 118, 143) }
```

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

```
.background{ background-color: rgb(152,  
118, 143) }
```

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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