

Converting Colors

$Y_{xy}(21.9746, 0.3264, 0.2972)$

Have a look what the booklet for
Yxy(21.9746, 0.3264, 0.2972)
contains.

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Color

Yxy(22.0522, 0.3264, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	96798C
RGB	150, 121, 140
RGB Percent	59%, 47%, 55%
CMY	0.4116, 0.5255, 0.4510
CMYK	0.00, 0.19, 0.07, 0.41
HSL	321°, 12%, 53%
HSV	321°, 19%, 59%
XYZ	24.1538, 22.0522, 27.7947
YIQ	131.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

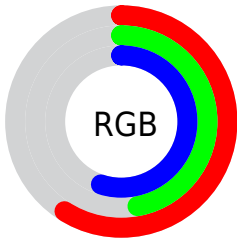
Format	Color
R_{YB}	150, 121, 140
Decimal	9861516
CIE _{Lab}	54.08, 14.62, -6.04
CIE _{LCh}	54, 15.822, 337.559
Yxy	22.0522, 0.3264, 0.2980
Android (android.graphics.Color)	4288051596 (0xFF96798C)
YUV	131.8370, 4.0244, 15.9290
Hunter-Lab	46.9598, 9.6321, -2.2209

Details

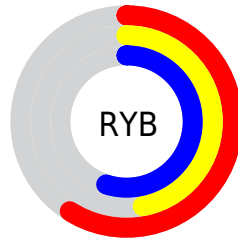
The Yxy color $22.0522, 0.3264, 0.2980$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.5284, 0.3012, 0.3622$, and the grayscale version is $22.9963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.6196, 0.3228, 0.3035$, and $8.0256, 0.3317, 0.2860$ is the 20% darker color. If you saturate the color by 10%, you get $18.5368, 0.3353, 0.2813$, and if you desaturate by 10%, it is $26.1440, 0.3188, 0.3143$.

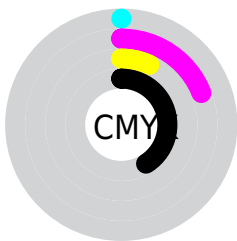
Distribution



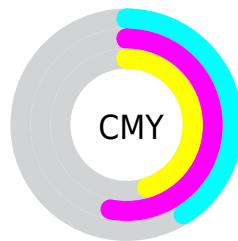
- Red (59%)
- Green (47%)
- Blue (55%)



- Red (59%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (41%)





- Cyan (41%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0522, 0.3264, 0.2980 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 22.0522, 0.3264, 0.2980 by changing the saturation by 10% instead.


 22.0522, 0.3264,
0.2980


 22.0522, 0.3264,
0.2980


262.8188, 0.3189,
0.3151


 13.8953, 0.3285,
0.2931


 46.8323, 0.3235,
0.3046

 8.0479, 0.3315,
0.2865


 64.2242, 0.3225,
0.3070

 4.1256, 0.3357,
0.2768

 85.4632, 0.3216,
0.3089

 1.7441, 0.3424,
0.2614

110.9337, 0.3209,
0.3105

 0.4519, 0.3654,
0.2099

141.0201, 0.3203,
0.3119

 0.0000, 0.0000,
0.0000

176.1069, 0.3198,

0.3131

216.5783, 0.3193,
0.3141

■ 22.0522, 0.3264,
0.2980

■ 22.0522, 0.3264,
0.2980

■ 18.5368, 0.3353,
0.2813

■ 26.1440, 0.3188,
0.3143

■ 15.5685, 0.3456,
0.2647

■ 30.8337, 0.3123,
0.3300

■ 13.1201, 0.3573,
0.2489

■ 36.1454, 0.3069,
0.3447

■ 11.1606, 0.3703,
0.2349

■ 42.1010, 0.3024,
0.3584

■ 9.6561, 0.3844,
0.2236

■ 48.7214, 0.2986,
0.3711

■ 8.5678, 0.3992,
0.2161

■ 56.0263, 0.2954,
0.3827

■ 7.8508, 0.4141,
0.2131

■ 64.0349, 0.2928,
0.3934

■ 7.4004, 0.4290,
0.2141

■ 72.7654, 0.2906,
0.4032

■ 7.3733, 0.4299,
0.2142

■ 81.5808, 0.2887,
0.4112

Harmonies

Analogous

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



22.0522, 0.2977, 0.2850



22.0522, 0.3264, 0.2980



22.0522, 0.3524, 0.3185

Triad

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



22.0522, 0.3264, 0.2980



22.0522, 0.3515, 0.3776



22.0522, 0.2609, 0.3117

Complementary

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



22.0522, 0.3264, 0.2980



27.5284, 0.3012, 0.3622

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.



22.0522, 0.2740, 0.3383



22.0522, 0.3264, 0.2980



22.0522, 0.3259, 0.3779

Square

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



22.0522, 0.3264, 0.2980



22.0522, 0.3670, 0.3639



22.0522, 0.2975, 0.3633



22.0522, 0.2609, 0.2917

Rectangle

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



22.0522, 0.3264, 0.2980



22.0522, 0.3640, 0.3342



22.0522, 0.2975, 0.3633



22.0522, 0.2639, 0.3202

Sweetspot

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



22.0532, 0.3264, 0.2980



48.6775, 0.3166, 0.3195



20.6744, 0.2924, 0.2792



10.6862, 0.3170, 0.3186



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.0532, 0.3264, 0.2980



36.2398, 0.3299, 0.2912



21.6617, 0.3435, 0.3210



5.8755, 0.3187, 0.3146



6.1180, 0.4289, 0.2137



0.0805, 0.3705, 0.1815

Inverse Universe

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



22.0532, 0.3264, 0.2980



36.2398, 0.3299, 0.2912



27.9395, 0.2887, 0.3372



5.8755, 0.3187, 0.3146



6.1180, 0.4289, 0.2137



0.0805, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 22.0522, 0.3264, 0.2980 looks on a white background.

Color Contrast Check

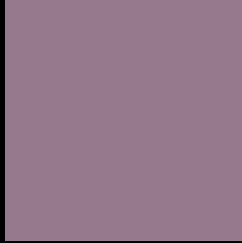
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0522, 0.3264, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

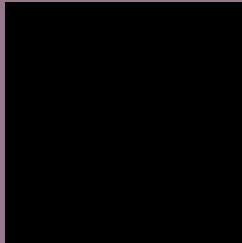
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0522, 0.3264, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 22.0522, 0.3264, 0.2980.



This preview shows how white text looks on a background with the Yxy color 22.0522, 0.3264, 0.2980.

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

22.0522, 0.3264, 0.2980

Protanopia

22.2569, 0.2938, 0.3011

Deuteranopia

22.1891, 0.3126, 0.3069



Tritanopia

21.9746, 0.3344, 0.3125

Trichromacy



Original Color

22.0522, 0.3264, 0.2980

Protanomaly

22.0558, 0.3048, 0.3000

Deuteranomaly

22.0302, 0.3175, 0.3038

Tritanomaly

22.0579, 0.3309, 0.3076

Monochromacy



Original Color

22.0522, 0.3264, 0.2980

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.6766, 0.3180, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0522, 0.3264, 0.2980 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(150, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(150, 121, 140)  
}
```

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(150, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 121, 140) }
```

Border

The CSS property to change the border of an element to Yxy 22.0522, 0.3264, 0.2980 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(150, 121, 140) }
```

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

```
.border{ border-color:rgb(150, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(150, 121,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0522, 0.3264, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 121, 140) }
```

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

```
.background{ background-color: rgb(150,  
121, 140) }
```

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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