

Converting Colors

$Y_{xy}(20.8599, 0.3561, 0.3006)$

Have a look what the booklet for
Yxy(20.8599, 0.3561, 0.3006)
contains.

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Color

Yxy(20.8814, 0.3560, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	A27082
RGB	162, 112, 130
RGB Percent	64%, 44%, 51%
CMY	0.3647, 0.5607, 0.4903
CMYK	0.00, 0.31, 0.20, 0.36
HSL	338°, 21%, 54%
HSV	338°, 31%, 64%
XYZ	24.7216, 20.8814, 23.8397
YIQ	129.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

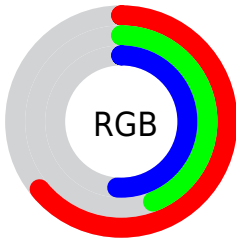
Format	Color
R_{YB}	162, 112, 130
Decimal	10645634
CIE _{Lab}	52.82, 22.53, -1.89
CIE _{LCh}	53, 22.609, 355.207
Yxy	20.8814, 0.3560, 0.3007
Android (android.graphics.Color)	4288835714 (0xFFA27082)
YUV	129.0020, 0.4920, 28.9392
Hunter-Lab	45.6962, 16.6000, 1.0558

Details

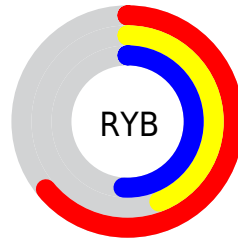
The Yxy color **20.8814, 0.3560, 0.3007** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2980, 0.2830, 0.3594**, and the grayscale version is **21.9459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8752, 0.3466, 0.3065**, and **7.4003, 0.3727, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **17.3584, 0.3763, 0.2912**, and if you desaturate by 10%, it is **25.0776, 0.3391, 0.3103**.

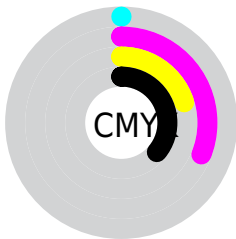
Distribution



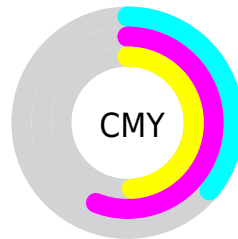
- Red (64%)
- Green (44%)
- Blue (51%)



- Red (64%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (36%)




- Cyan (36%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.8814, 0.3560, 0.3007 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 20.8814, 0.3560, 0.3007 by changing the saturation by 10% instead.


 20.8814, 0.3560,
0.3007


 20.8814, 0.3560,
0.3007


256.6475, 0.3316,
0.3166


 13.0373, 0.3633,
0.2960


 44.8901, 0.3463,
0.3069

 7.4543, 0.3734,
0.2896


 61.8235, 0.3430,
0.3091

 3.7478, 0.3887,
0.2799

 82.5554, 0.3402,
0.3109

 1.5335, 0.4140,
0.2642

 107.4703, 0.3379,
0.3124

 0.3121, 0.5192,
0.1914

136.9526, 0.3359,
0.3137

 0.0000, 0.0000,
0.0000

171.3866, 0.3343,

0.3148

211.1568, 0.3328,
0.3157

■ 20.8814, 0.3560,
0.3007

■ 20.8814, 0.3560,
0.3007

■ 17.3584, 0.3763,
0.2912

■ 25.0776, 0.3391,
0.3103

■ 14.4703, 0.4004,
0.2825

■ 29.9768, 0.3251,
0.3195

■ 12.1796, 0.4282,
0.2753


■ 35.6105, 0.3136,
0.3283


■ 10.4433, 0.4591,
0.2708


■ 42.0075, 0.3042,
0.3364


■ 9.2129, 0.4917,
0.2701

■ 49.1949, 0.2964,
0.3439

 8.4312, 0.5239,
0.2743

 57.1987, 0.2901,
0.3508

 7.9887, 0.5515,
0.2812

 66.0434, 0.2848,
0.3571

 75.7528, 0.2804,
0.3629

 84.5476, 0.2765,
0.3651

Harmonies

Analogous

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



20.8814, 0.3146, 0.2759



20.8814, 0.3560, 0.3007



20.8814, 0.3863, 0.3327

Triad

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



20.8814, 0.3560, 0.3007



20.8814, 0.3474, 0.4035



20.8814, 0.2366, 0.2844

Complementary

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



20.8814, 0.3560, 0.3007



31.2980, 0.2830, 0.3594

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.



20.8814, 0.2441, 0.3182



20.8814, 0.3560, 0.3007



20.8814, 0.3066, 0.3916

Square

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



20.8814, 0.3560, 0.3007



20.8814, 0.3802, 0.3925



20.8814, 0.2690, 0.3587



20.8814, 0.2475, 0.2655

Rectangle

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



20.8814, 0.3560, 0.3007



20.8814, 0.3949, 0.3551



20.8814, 0.2690, 0.3587



20.8814, 0.2370, 0.2943

Sweetspot

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



20.8824, 0.3560, 0.3007



56.0535, 0.3230, 0.3210



20.0981, 0.2945, 0.2492



12.2855, 0.3247, 0.3198



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



20.8824, 0.3560, 0.3007



33.4040, 0.3695, 0.2942



21.9670, 0.3772, 0.3399



7.1261, 0.3231, 0.3209



6.3019, 0.5493, 0.2800



0.1412, 0.4547, 0.2279

Inverse Universe

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



20.8824, 0.3560, 0.3007



33.4040, 0.3695, 0.2942



29.6061, 0.2681, 0.3178



7.1261, 0.3231, 0.3209



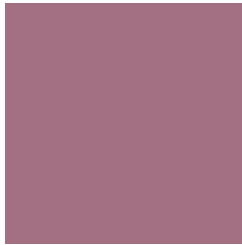
6.3019, 0.5493, 0.2800



0.1412, 0.4547, 0.2279

Previews

White Background



This preview shows how the Yxy color 20.8814, 0.3560, 0.3007 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 20.8814, 0.3560, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

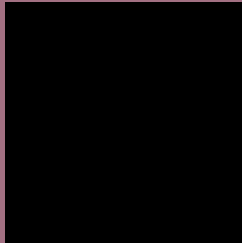
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.8814, 0.3560, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 20.8814, 0.3560, 0.3007.



This preview shows how white text looks on a background with the Yxy color 20.8814, 0.3560, 0.3007.

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

20.8814, 0.3560, 0.3007

Protanopia

21.1167, 0.2986, 0.3075

Deuteranopia

20.8809, 0.3255, 0.3186



Tritanopia

20.7925, 0.3650, 0.3147

Trichromacy



Original Color

20.8814, 0.3560, 0.3007

Protanomaly

20.8273, 0.3175, 0.3049

Deuteranomaly

20.7449, 0.3364, 0.3105

Tritanomaly

20.8680, 0.3610, 0.3100

Monochromacy



Original Color

20.8814, 0.3560, 0.3007

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.4136, 0.3279, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8814, 0.3560, 0.3007 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(162, 112, 130)` looks like.

```
.text, #text, p{  
    color:rgb(162, 112, 130)  
}
```

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(162, 112, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 112, 130) }
```

Border

The CSS property to change the border of an element to Yxy 20.8814, 0.3560, 0.3007 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(162, 112, 130) }
```

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

```
.border{ border-color:rgb(162, 112, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 112, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 112, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 112, 130);  
box-shadow:4px 4px 4px 4px rgb(162, 112,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8814, 0.3560, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 112, 130) }
```

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

```
.background{ background-color: rgb(162,  
112, 130) }
```

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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