

Converting Colors

$Y_{xy}(20.0856, 0.3143, 0.2963)$

Have a look what the booklet for
Yxy(20.0856, 0.3143, 0.2963)
contains.

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Color

Yxy(20.0814, 0.3143, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	897689
RGB	137, 118, 137
RGB Percent	54%, 46%, 54%
CMY	0.4626, 0.5373, 0.4627
CMYK	0.00, 0.14, 0.00, 0.46
HSL	300°, 7%, 50%
HSV	300°, 14%, 54%
XYZ	21.3157, 20.0814, 26.4225
YIQ	125.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

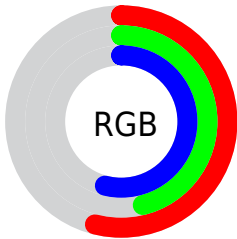
Format	Color
R_{YB}	137, 118, 137
Decimal	9008777
CIE _{Lab}	51.93, 10.98, -7.63
CIE _{LCh}	52, 13.371, 325.209
Yxy	20.0814, 0.3143, 0.2961
Android (android.graphics.Color)	4287198857 (0xFF897689)
YUV	125.8470, 5.4984, 9.7812
Hunter-Lab	44.8123, 6.4851, -3.5904

Details

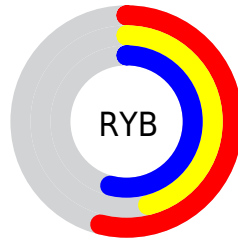
The Yxy color $20.0814, 0.3143, 0.2961$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.0623, 0.3110, 0.3643$, and the grayscale version is $20.7909, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.4143, 0.3139, 0.3035$, and $7.0947, 0.3148, 0.2848$ is the 20% darker color. If you saturate the color by 10%, you get $17.0854, 0.3155, 0.2720$, and if you desaturate by 10%, it is $23.5481, 0.3132, 0.3199$.

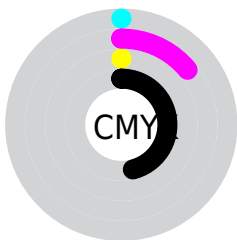
Distribution



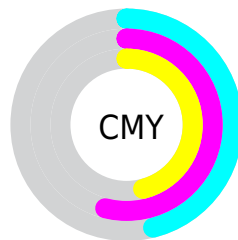
- Red (54%)
- Green (46%)
- Blue (54%)



- Red (54%)
- Yellow (46%)
- Blue (54%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)





- Cyan (46%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0814, 0.3143, 0.2961 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 20.0814, 0.3143, 0.2961 by changing the saturation by 10% instead.


 20.0814, 0.3143,
0.2961

 20.0814, 0.3143,
0.2961


252.3554, 0.3136,
0.3145

 12.4542, 0.3144,
0.2908


 43.5536, 0.3141,
0.3033

 7.0538, 0.3146,
0.2833


 60.1674, 0.3140,
0.3058

 3.4958, 0.3146,
0.2724

 80.5456, 0.3139,
0.3079

 1.3957, 0.3144,
0.2546

105.0725, 0.3138,
0.3096

 0.2136, 0.3247,
0.1472

134.1326, 0.3137,
0.3111

 0.0000, 0.0000,
0.0000

168.1101, 0.3137,

0.3124

207.3896, 0.3136,
0.3135

■ 20.0814, 0.3143,
0.2961

■ 20.0814, 0.3143,
0.2961

■ 17.0854, 0.3155,
0.2720

■ 23.5481, 0.3132,
0.3199

■ 14.5374, 0.3166,
0.2482

■ 27.5017, 0.3120,
0.3429

■ 12.4166, 0.3177,
0.2257

■ 31.9611, 0.3110,
0.3646

■ 10.6996, 0.3187,
0.2052

■ 36.9432, 0.3100,
0.3850

■ 9.3608, 0.3196,
0.1876

■ 42.4641, 0.3091,
0.4037

■ 8.3717, 0.3203,
0.1735

■ 48.5395, 0.3083,
0.4209

■ 7.6996, 0.3208,
0.1634

■ 55.1841, 0.3076,
0.4366

■ 7.3042, 0.3212,
0.1573

■ 62.4122, 0.3069,
0.4508

■ 7.1225, 0.3213,
0.1544

■ 70.2376, 0.3063,
0.4636

Harmonies

Analogous

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



20.0814, 0.2903, 0.2882



20.0814, 0.3143, 0.2961



20.0814, 0.3388, 0.3119

Triad

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



20.0814, 0.3143, 0.2961



20.0814, 0.3535, 0.3677



20.0814, 0.2708, 0.3233

Complementary

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



20.0814, 0.3143, 0.2961



23.0623, 0.3110, 0.3643

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.



20.0814, 0.2865, 0.3467



20.0814, 0.3143, 0.2961



20.0814, 0.3342, 0.3730

Square

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



20.0814, 0.3143, 0.2961



20.0814, 0.3619, 0.3525



20.0814, 0.3096, 0.3653



20.0814, 0.2659, 0.3028

Rectangle

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



20.0814, 0.3143, 0.2961



20.0814, 0.3517, 0.3251



20.0814, 0.3096, 0.3653



20.0814, 0.2749, 0.3311

Sweetspot

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



20.0823, 0.3143, 0.2961



42.0202, 0.3132, 0.3195



18.6120, 0.2913, 0.2937



9.3252, 0.3133, 0.3179



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



20.0823, 0.3143, 0.2961



33.9851, 0.3147, 0.2877



19.8216, 0.3255, 0.3123



5.1288, 0.3138, 0.3075



6.6302, 0.3213, 0.1544



0.0441, 0.3211, 0.1543

Inverse Universe

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



20.0823, 0.3143, 0.2961



33.9851, 0.3147, 0.2877



23.2996, 0.3016, 0.3464



5.1288, 0.3138, 0.3075



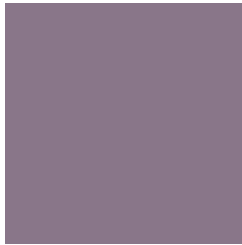
6.6302, 0.3213, 0.1544



0.0441, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 20.0814, 0.3143, 0.2961 looks on a white background.

Color Contrast Check

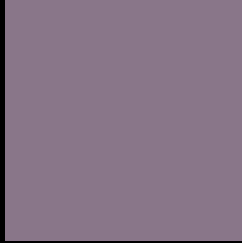
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0814, 0.3143, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

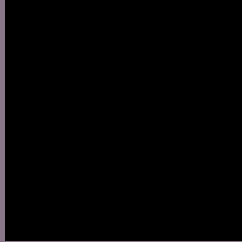
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0814, 0.3143, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 20.0814, 0.3143, 0.2961.



This preview shows how white text looks on a background with the Yxy color 20.0814, 0.3143, 0.2961.

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

20.0814, 0.3143, 0.2961

Protanopia

20.1243, 0.2920, 0.2982

Deuteranopia

20.2267, 0.3056, 0.3007



Tritanopia

20.0129, 0.3223, 0.3114

Trichromacy



Original Color

20.0814, 0.3143, 0.2961

Protanomaly

20.0509, 0.2999, 0.2969

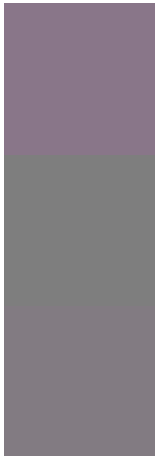
Deuteranomaly

20.2256, 0.3092, 0.2992

Tritanomaly

20.0938, 0.3188, 0.3062

Monochromacy



Original Color

20.0814, 0.3143, 0.2961

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.5234, 0.3133, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0814, 0.3143, 0.2961 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(137, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 118, 137)  
}
```

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(137, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 118, 137) }
```

Border

The CSS property to change the border of an element to Yxy 20.0814, 0.3143, 0.2961 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(137, 118, 137) }
```

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

```
.border{ border-color:rgb(137, 118, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 118, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 118,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0814, 0.3143, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 118, 137) }
```

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

```
.background{ background-color: rgb(137,  
118, 137) }
```

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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