

Converting Colors

$Y_{xy}(20.2256, 0.3155, 0.2905)$

Have a look what the booklet for
Yxy(20.2256, 0.3155, 0.2905)
contains.

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Color

Yxy(20.1915, 0.3146, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	8C758C
RGB	140, 117, 140
RGB Percent	55%, 46%, 55%
CMY	0.4509, 0.5412, 0.4510
CMYK	0.00, 0.16, 0.00, 0.45
HSL	300°, 9%, 50%
HSV	300°, 16%, 55%
XYZ	21.9119, 20.1915, 27.5465
YIQ	126.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

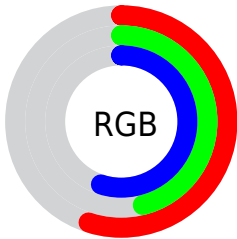
Format	Color
R _{YB}	140, 117, 140
Decimal	9205132
CIE Lab	52.05, 13.25, -9.16
CIE LCh	52, 16.110, 325.348
Yxy	20.1915, 0.3146, 0.2899
Android (android.graphics.Color)	4287395212 (0xFF8C758C)
YUV	126.4990, 6.6560, 11.8404
Hunter-Lab	44.9350, 8.4067, -4.8922

Details

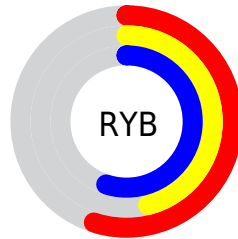
The Yxy color $20.1915, 0.3146, 0.2899$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.8299, 0.3107, 0.3715$, and the grayscale version is $21.0190, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.7403, 0.3142, 0.2976$, and $7.1681, 0.3152, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $17.1692, 0.3158, 0.2658$, and if you desaturate by 10%, it is $23.7036, 0.3134, 0.3139$.

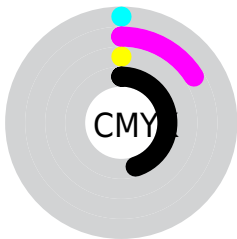
Distribution



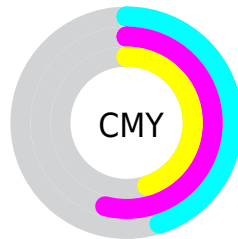
- Red (55%)
- Green (46%)
- Blue (55%)



- Red (55%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)





- Cyan (45%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1915, 0.3146, 0.2899 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 20.1915, 0.3146, 0.2899 by changing the saturation by 10% instead.


 20.1915, 0.3146,
0.2899


 20.1915, 0.3146,
0.2899


252.9499, 0.3138,
0.3116


 12.5343, 0.3147,
0.2836


 43.7380, 0.3143,
0.2984

 7.1087, 0.3148,
0.2750


 60.3961, 0.3142,
0.3014

 3.5302, 0.3148,
0.2624

 80.8234, 0.3141,
0.3038

 1.4144, 0.3144,
0.2421

105.4041, 0.3140,
0.3059

 0.2273, 0.3261,
0.1374

134.5227, 0.3140,
0.3076

 0.0000, 0.0000,
0.0000

168.5637, 0.3139,

0.3091

207.9113, 0.3138,
0.3104

■ 20.1915, 0.3146,
0.2899

■ 20.1915, 0.3146,
0.2899

■ 17.1692, 0.3158,
0.2658

■ 23.7036, 0.3134,
0.3139

■ 14.6125, 0.3169,
0.2422

■ 27.7233, 0.3123,
0.3372

■ 12.4991, 0.3180,
0.2201

■ 32.2703, 0.3113,
0.3593

■ 10.8038, 0.3190,
0.2002

■ 37.3630, 0.3103,
0.3800

■ 9.4987, 0.3198,
0.1835

■ 43.0184, 0.3094,
0.3992

■ 8.5529, 0.3205,
0.1704

■ 49.2532, 0.3085,
0.4169

■ 7.9305, 0.3210,
0.1614

■ 56.0832, 0.3078,
0.4329

■ 7.5727, 0.3212,
0.1560

■ 63.5235, 0.3071,
0.4475

■ 7.4644, 0.3213,
0.1544

■ 71.5889, 0.3064,
0.4606

Harmonies

Analogous

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



20.1915, 0.2858, 0.2805



20.1915, 0.3146, 0.2899



20.1915, 0.3441, 0.3086

Triad

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



20.1915, 0.3146, 0.2899



20.1915, 0.3616, 0.3755



20.1915, 0.2625, 0.3217

Complementary

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



20.1915, 0.3146, 0.2899



23.8299, 0.3107, 0.3715

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.



20.1915, 0.2811, 0.3502



20.1915, 0.3146, 0.2899



20.1915, 0.3382, 0.3822

Square

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



20.1915, 0.3146, 0.2899



20.1915, 0.3720, 0.3568



20.1915, 0.3087, 0.3731



20.1915, 0.2568, 0.2972

Rectangle

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



20.1915, 0.3146, 0.2899



20.1915, 0.3598, 0.3243



20.1915, 0.3087, 0.3731



20.1915, 0.2674, 0.3312

Sweetspot

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



20.1924, 0.3146, 0.2899



42.6715, 0.3133, 0.3171



18.3978, 0.2870, 0.2864



9.7364, 0.3134, 0.3156



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



20.1924, 0.3146, 0.2899



33.3674, 0.3151, 0.2803



19.8714, 0.3283, 0.3090



5.1288, 0.3138, 0.3075



6.6301, 0.3213, 0.1544



0.0441, 0.3211, 0.1543

Inverse Universe

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



20.1924, 0.3146, 0.2899



33.3674, 0.3151, 0.2803



24.1166, 0.2995, 0.3499



5.1288, 0.3138, 0.3075



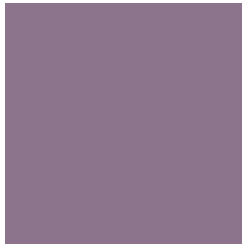
6.6301, 0.3213, 0.1544



0.0441, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 20.1915, 0.3146, 0.2899 looks on a white background.

Color Contrast Check

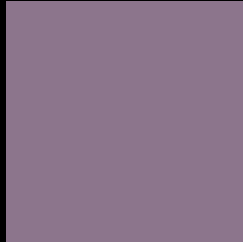
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1915, 0.3146, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

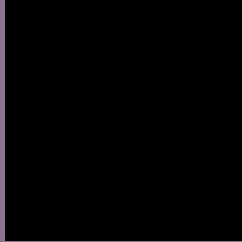
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1915, 0.3146, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 20.1915, 0.3146, 0.2899.



This preview shows how white text looks on a background with the Yxy color 20.1915, 0.3146, 0.2899.

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

20.1915, 0.3146, 0.2899

Protanopia

20.1726, 0.2868, 0.2912

Deuteranopia

20.2060, 0.3022, 0.2971



Tritanopia

20.1554, 0.3260, 0.3133

Trichromacy



Original Color

20.1915, 0.3146, 0.2899

Protanomaly

20.1699, 0.2956, 0.2902

Deuteranomaly

20.2836, 0.3070, 0.2958

Tritanomaly

20.1118, 0.3226, 0.3048

Monochromacy



Original Color

20.1915, 0.3146, 0.2899

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.7374, 0.3135, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1915, 0.3146, 0.2899 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(140, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 117, 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(140, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 117, 140) }
```

Border

The CSS property to change the border of an element to Yxy 20.1915, 0.3146, 0.2899 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(140, 117, 140) }
```

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

```
.border{ border-color:rgb(140, 117, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 117, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 117,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1915, 0.3146, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 117, 140) }
```

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

```
.background{ background-color: rgb(140,  
117, 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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