

Converting Colors

$Y_{xy}(20.7515, 0.3117, 0.2889)$

Have a look what the booklet for
Yxy(20.7515, 0.3117, 0.2889)
contains.

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Color

Yxy(20.7523, 0.3110, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	8C778F
RGB	140, 119, 143
RGB Percent	55%, 47%, 56%
CMY	0.4509, 0.5333, 0.4393
CMYK	0.02, 0.17, 0.00, 0.44
HSL	293°, 10%, 51%
HSV	293°, 17%, 56%
XYZ	22.3708, 20.7523, 28.8087
YIQ	128.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

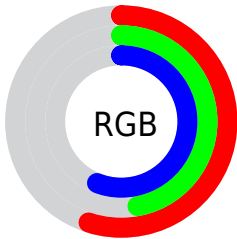
Format	Color
R_{YB}	140, 119, 143
Decimal	9205647
CIE _{Lab}	52.68, 12.69, -9.99
CIE _{LCh}	53, 16.146, 321.792
Yxy	20.7523, 0.3110, 0.2885
Android (android.graphics.Color)	4287395727 (0xFF8C778F)
YUV	128.0150, 7.3876, 10.5108
Hunter-Lab	45.5547, 7.9361, -5.6065

Details

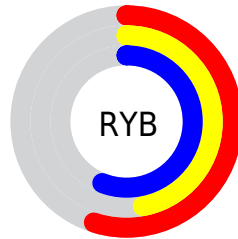
The Yxy color $20.7523, 0.3110, 0.2885$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $25.1096, 0.3138, 0.3722$, and the grayscale version is $21.5653, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.6264, 0.3116, 0.2966$, and $7.4704, 0.3097, 0.2740$ is the 20% darker color. If you saturate the color by 10%, you get $17.4490, 0.3096, 0.2635$, and if you desaturate by 10%, it is $24.5720, 0.3121, 0.3130$.

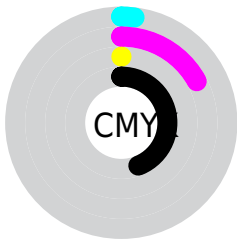
Distribution



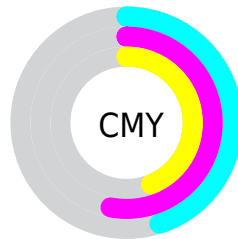
- Red (55%)
- Green (47%)
- Blue (56%)



- Red (55%)
- Yellow (47%)
- Blue (56%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.7523, 0.3110, 0.2885 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 20.7523, 0.3110, 0.2885 by changing the saturation by 10% instead.

■ 20.7523, 0.3110,
0.2885

■ 20.7523, 0.3110,
0.2885

255.9592, 0.3122,
0.3109

■ 12.9431, 0.3105,
0.2821

■ 44.6749, 0.3116,
0.2972

■ 7.3894, 0.3098,
0.2733

■ 61.5571, 0.3117,
0.3003

■ 3.7068, 0.3085,
0.2605

■ 82.2324, 0.3119,
0.3028

■ 1.5109, 0.3059,
0.2401

107.0852, 0.3120,
0.3050

■ 0.2964, 0.3097,
0.1552

136.4998, 0.3120,
0.3068

■ 0.0000, 0.0000,
0.0000

170.8608, 0.3121,

0.3083

210.5524, 0.3122,
0.3097

■ 20.7523, 0.3110,
0.2885

■ 20.7523, 0.3110,
0.2885

■ 17.4490, 0.3096,
0.2635

■ 24.5720, 0.3121,
0.3130

■ 14.6365, 0.3078,
0.2387

■ 28.9268, 0.3130,
0.3364

■ 12.2912, 0.3057,
0.2148

■ 33.8377, 0.3136,
0.3585

■ 10.3866, 0.3033,
0.1929

■ 39.3238, 0.3140,
0.3790

■ 8.8931, 0.3006,
0.1738

■ 45.4034, 0.3142,
0.3979

■ 7.7780, 0.2976,
0.1584

■ 52.0938, 0.3143,
0.4151

■ 7.0031, 0.2946,
0.1470

■ 59.4118, 0.3143,
0.4308

■ 6.5047, 0.2914,
0.1396

■ 67.3734, 0.3142,
0.4449

■ 6.3614, 0.2904,
0.1374

■ 75.9940, 0.3140,
0.4577

Harmonies

Analogous

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



20.7523, 0.2830, 0.2804



20.7523, 0.3110, 0.2885



20.7523, 0.3407, 0.3061

Triad

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



20.7523, 0.3110, 0.2885



20.7523, 0.3633, 0.3735



20.7523, 0.2644, 0.3251

Complementary

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



20.7523, 0.3110, 0.2885



25.1096, 0.3138, 0.3722

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.



20.7523, 0.2842, 0.3532



20.7523, 0.3110, 0.2885



20.7523, 0.3413, 0.3818

Square

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



20.7523, 0.3110, 0.2885



20.7523, 0.3717, 0.3540



20.7523, 0.3122, 0.3746



20.7523, 0.2571, 0.2998

Rectangle

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



20.7523, 0.3110, 0.2885



20.7523, 0.3571, 0.3214



20.7523, 0.3122, 0.3746



20.7523, 0.2698, 0.3346

Sweetspot

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



20.7532, 0.3110, 0.2885



45.2473, 0.3123, 0.3170



19.8728, 0.2866, 0.2913



10.2686, 0.3122, 0.3155



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



20.7532, 0.3110, 0.2885



34.9091, 0.3105, 0.2794



20.7591, 0.3249, 0.3032



5.4776, 0.3119, 0.3072



5.6317, 0.2906, 0.1374



0.0600, 0.3065, 0.1462

Inverse Universe

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



20.4371, 0.3397, 0.3239



34.2453, 0.3470, 0.3228



25.1169, 0.3023, 0.3562



5.4343, 0.3263, 0.3263



5.2031, 0.6202, 0.3190



0.0514, 0.5479, 0.2792

Previews

White Background



This preview shows how the Yxy color 20.7523, 0.3110, 0.2885 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 20.7523, 0.3110, 0.2885 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 20.7523, 0.3110, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 20.7523, 0.3110, 0.2885.



This preview shows how white text looks on a background with the Yxy color 20.7523, 0.3110, 0.2885.

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

20.7523, 0.3110, 0.2885

Protanopia

20.9114, 0.2861, 0.2901

Deuteranopia

20.8647, 0.3001, 0.2958



Tritanopia

20.7167, 0.3222, 0.3116

Trichromacy



Original Color

20.7523, 0.3110, 0.2885

Protanomaly

20.9084, 0.2948, 0.2890

Deuteranomaly

20.9404, 0.3048, 0.2945

Tritanomaly

20.6712, 0.3188, 0.3032

Monochromacy



Original Color

20.7523, 0.3110, 0.2885

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2662, 0.3122, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7523, 0.3110, 0.2885 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, 119, 143)` looks like.

```
.text, #text, p{  
  color:rgb(140, 119, 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(140, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 143) }
```

Border

The CSS property to change the border of an element to Yxy 20.7523, 0.3110, 0.2885 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, 119, 143) }
```

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

```
.border{ border-color:rgb(140, 119, 143) }
```

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

Here you see how a box with a 4 pixel rgb(140, 119, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7523, 0.3110, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 143) }
```

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

```
.background{ background-color: rgb(140,  
119, 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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