

Converting Colors

$Y_{xy}(20.2433, 0.4075, 0.3127)$

Have a look what the booklet for
Yxy(20.2433, 0.4075, 0.3127)
contains.

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Color

Yxy(20.2787, 0.4065, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	B36671
RGB	179, 102, 113
RGB Percent	70%, 40%, 44%
CMY	0.2981, 0.5999, 0.5569
CMYK	0.00, 0.43, 0.37, 0.30
HSL	351°, 34%, 55%
HSV	351°, 43%, 70%
XYZ	26.3196, 20.2787, 18.1485
YIQ	126.2770, 42.3610, 19.7450

Conversions

Conversions Part 2

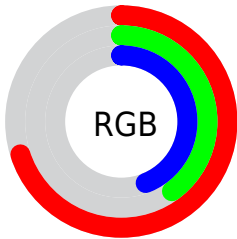
Format	Color
R_{YB}	179, 102, 113
Decimal	11757169
CIE _{Lab}	52.15, 32.15, 7.43
CIE _{LCh}	52, 32.994, 13.022
Yxy	20.2787, 0.4065, 0.3132
Android (android.graphics.Color)	4289947249 (0xFFB36671)
YUV	126.2770, -6.5456, 46.2381
Hunter-Lab	45.0319, 25.5213, 7.6275

Details

The Yxy color **20.2787, 0.4065, 0.3132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.8869, 0.2620, 0.3463**, and the grayscale version is **20.9761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8323, 0.3850, 0.3168**, and **7.2129, 0.4468, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **16.8159, 0.4418, 0.3101**, and if you desaturate by 10%, it is **24.5615, 0.3769, 0.3169**.

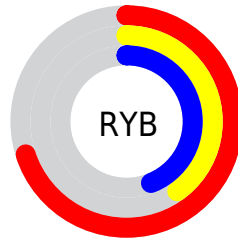
Distribution



Red (70%)

Green (40%)

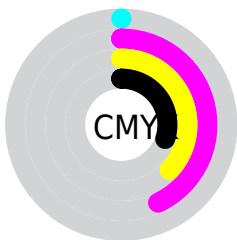
Blue (44%)



Red (70%)

Yellow (40%)

Blue (44%)

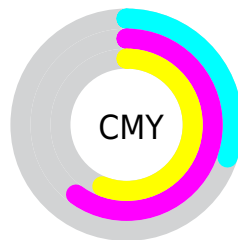


Cyan (0%)

Magenta (43%)

Yellow (37%)

Black (30%)



Cyan (30%)


Magenta (60%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2787, 0.4065, 0.3132 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 20.2787, 0.4065, 0.3132 by changing the saturation by 10% instead.


 20.2787, 0.4065,
0.3132


 20.2787, 0.4065,
0.3132

253.4199, 0.3528,
0.3233


 12.5978, 0.4227,
0.3097


 43.8840, 0.3851,
0.3175

 7.1522, 0.4456,
0.3043


 60.5771, 0.3776,
0.3189

 3.5575, 0.4799,
0.2955

 81.0431, 0.3715,
0.3200

 1.4292, 0.5366,
0.2790

 105.6664, 0.3665,
0.3209

 0.2381, 0.8111,
0.1889

134.8313, 0.3623,
0.3217

 0.0000, 0.0000,
0.0000

168.9222, 0.3587,

0.3223

208.3237, 0.3555,
0.3228

■ 20.2787, 0.4065,
0.3132

■ 20.2787, 0.4065,
0.3132

■ 16.8159, 0.4418,
0.3101

■ 24.5615, 0.3769,
0.3169

■ 14.1177, 0.4821,
0.3082

■ 29.7089, 0.3525,
0.3207

■ 12.1268, 0.5252,
0.3082


■ 35.7659, 0.3328,
0.3244


■ 10.7764, 0.5670,
0.3106

■ 42.7737, 0.3169,
0.3280

■ 9.9867, 0.6018,
0.3155

■ 50.7706, 0.3040,
0.3313

 9.6544, 0.6205,
0.3192

 59.7930, 0.2936,
0.3343

 69.8756, 0.2851,
0.3370

 81.0512, 0.2781,
0.3395

 88.0732, 0.2714,
0.3331

Harmonies

Analogous

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



20.2787, 0.3517, 0.2725



20.2787, 0.4065, 0.3132



20.2787, 0.4333, 0.3598

Triad

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



20.2787, 0.4065, 0.3132



20.2787, 0.3261, 0.4358



20.2787, 0.2106, 0.2449

Complementary

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



20.2787, 0.4065, 0.3132



37.8869, 0.2620, 0.3463

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.



20.2787, 0.2055, 0.2795



20.2787, 0.4065, 0.3132



20.2787, 0.2684, 0.3971

Square

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



20.2787, 0.4065, 0.3132



20.2787, 0.3831, 0.4353



20.2787, 0.2253, 0.3355



20.2787, 0.2397, 0.2340

Rectangle

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



20.2787, 0.4065, 0.3132



20.2787, 0.4306, 0.3903



20.2787, 0.2253, 0.3355



20.2787, 0.2062, 0.2538

Sweetspot

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



20.2797, 0.4065, 0.3132



63.8159, 0.3332, 0.3244



21.0231, 0.3040, 0.2210



13.5817, 0.3372, 0.3236



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



20.2797, 0.4065, 0.3132



30.1914, 0.4413, 0.3102



26.2299, 0.4050, 0.3685



8.5244, 0.3265, 0.3258



6.8296, 0.6183, 0.3180



0.2211, 0.5564, 0.2839

Inverse Universe

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



20.2797, 0.4065, 0.3132



30.1914, 0.4413, 0.3102



28.5508, 0.2479, 0.2848



8.5244, 0.3265, 0.3258



6.8296, 0.6183, 0.3180



0.2211, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 20.2787, 0.4065, 0.3132 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 20.2787, 0.4065, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

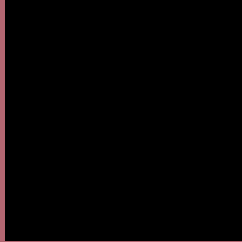
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.2787, 0.4065, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 20.2787, 0.4065, 0.3132.



This preview shows how white text looks on a background with the Yxy color 20.2787, 0.4065, 0.3132.

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

20.2787, 0.4065, 0.3132

Protanopia

20.4080, 0.3152, 0.3272

Deuteranopia

20.3095, 0.3531, 0.3467



Tritanopia

20.4100, 0.4104, 0.3190

Trichromacy



Original Color

20.2787, 0.4065, 0.3132

Protanomaly

19.9823, 0.3457, 0.3205

Deuteranomaly

19.9265, 0.3720, 0.3325

Tritanomaly

20.4319, 0.4089, 0.3176

Monochromacy



Original Color

20.2787, 0.4065, 0.3132

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1228, 0.3441, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2787, 0.4065, 0.3132 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(179, 102, 113)` looks like.

```
.text, #text, p{  
    color:rgb(179, 102, 113)  
}
```

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(179, 102, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 102, 113) }
```

Border

The CSS property to change the border of an element to Yxy 20.2787, 0.4065, 0.3132 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(179, 102, 113) }
```

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

```
.border{ border-color:rgb(179, 102, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 102, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 102, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 102, 113);  
box-shadow:4px 4px 4px 4px rgb(179, 102,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2787, 0.4065, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 102, 113) }
```

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

```
.background{ background-color: rgb(179,  
102, 113) }
```

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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