

Converting Colors

$Y_{xy}(20.2641, 0.3321, 0.3157)$

Have a look what the booklet for
Yxy(20.2641, 0.3321, 0.3157)
contains.

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Color

Yxy(20.3627, 0.3322, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	8D777E
RGB	141, 119, 126
RGB Percent	55%, 47%, 49%
CMY	0.4471, 0.5333, 0.5058
CMYK	0.00, 0.16, 0.11, 0.45
HSL	341°, 9%, 51%
HSV	341°, 16%, 55%
XYZ	21.3458, 20.3627, 22.5474
YIQ	126.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

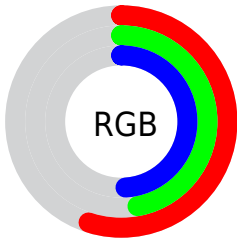
Format	Color
R_{YB}	141, 119, 126
Decimal	9271166
CIE _{Lab}	52.24, 9.76, -0.66
CIE _{LCh}	52, 9.785, 356.125
Yxy	20.3627, 0.3322, 0.3169
Android (android.graphics.Color)	4287461246 (0xFF8D777E)
YUV	126.3760, -0.1854, 12.8252
Hunter-Lab	45.1250, 5.4683, 1.9624

Details

The Yxy color $20.3627, 0.3322, 0.3169$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $24.6887, 0.2964, 0.3414$, and the grayscale version is $20.9968, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.9826, 0.3277, 0.3188$, and $7.2664, 0.3411, 0.3135$ is the 20% darker color. If you saturate the color by 10%, you get $17.0165, 0.3482, 0.3086$, and if you desaturate by 10%, it is $24.2324, 0.3190, 0.3248$.

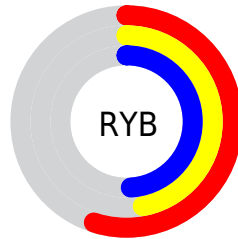
Distribution



Red (55%)

Green (47%)

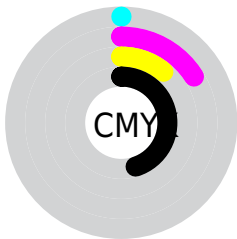
Blue (49%)



Red (55%)

Yellow (47%)

Blue (49%)

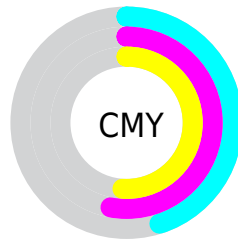


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (45%)



Cyan (45%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3627, 0.3322, 0.3169 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 20.3627, 0.3322, 0.3169 by changing the saturation by 10% instead.


 20.3627, 0.3322,
0.3169


 20.3627, 0.3322,
0.3169


253.8719, 0.3211,
0.3238


 12.6590, 0.3355,
0.3148


 44.0244, 0.3278,
0.3196

 7.1941, 0.3402,
0.3119


 60.7512, 0.3263,
0.3206

 3.5838, 0.3474,
0.3076

 81.2545, 0.3250,
0.3214

 1.4436, 0.3596,
0.3001

105.9187, 0.3240,
0.3220

 0.2485, 0.4563,
0.2390

135.1281, 0.3231,
0.3225

 0.0000, 0.0000,
0.0000

169.2672, 0.3224,

0.3230

208.7203, 0.3217,
0.3234

■ 20.3627, 0.3322,
0.3169

■ 20.3627, 0.3322,
0.3169

■ 17.0165, 0.3482,
0.3086

■ 24.2324, 0.3190,
0.3248

■ 14.1686, 0.3676,
0.3002

■ 28.6439, 0.3082,
0.3322

■ 11.7957, 0.3909,
0.2921

■ 33.6182, 0.2993,
0.3390

■ 9.8716, 0.4181,
0.2850

■ 39.1742, 0.2920,
0.3453

■ 8.3675, 0.4491,
0.2797

■ 45.3300, 0.2860,
0.3510

■ 7.2514, 0.4829,
0.2775

■ 52.1028, 0.2810,
0.3563

■ 6.4864, 0.5174,
0.2792

■ 59.5092, 0.2768,
0.3611

■ 6.0196, 0.5501,
0.2853

■ 67.5651, 0.2734,
0.3654

■ 5.8503, 0.5641,
0.2881

■ 76.2860, 0.2704,
0.3694

Harmonies

Analogous

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



20.3627, 0.3146, 0.3050



20.3627, 0.3322, 0.3169



20.3627, 0.3447, 0.3320

Triad

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



20.3627, 0.3322, 0.3169



20.3627, 0.3280, 0.3607



20.3627, 0.2783, 0.3097

Complementary

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



20.3627, 0.3322, 0.3169



24.6887, 0.2964, 0.3414

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.



20.3627, 0.2817, 0.3246



20.3627, 0.3322, 0.3169



20.3627, 0.3101, 0.3548

Square

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



20.3627, 0.3322, 0.3169



20.3627, 0.3422, 0.3576



20.3627, 0.2932, 0.3414



20.3627, 0.2838, 0.3006

Rectangle

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



20.3627, 0.3322, 0.3169



20.3627, 0.3483, 0.3422



20.3627, 0.2932, 0.3414



20.3627, 0.2784, 0.3142

Sweetspot

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



20.3636, 0.3322, 0.3169



43.7638, 0.3184, 0.3252



20.1586, 0.3056, 0.2909



9.6727, 0.3192, 0.3247



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.



20.3636, 0.3322, 0.3169



34.0783, 0.3380, 0.3138



21.0779, 0.3399, 0.3355



5.4506, 0.3235, 0.3220



5.3382, 0.5631, 0.2876



0.0547, 0.4573, 0.2293

Inverse Universe

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



20.3636, 0.3322, 0.3169



34.0783, 0.3380, 0.3138



23.8283, 0.2897, 0.3224



5.4506, 0.3235, 0.3220



5.3382, 0.5631, 0.2876



0.0547, 0.4573, 0.2293

Previews

White Background



This preview shows how the Yxy color 20.3627, 0.3322, 0.3169 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 20.3627, 0.3322, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

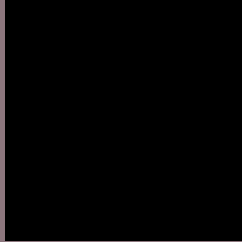
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3627, 0.3322, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 20.3627, 0.3322, 0.3169.



This preview shows how white text looks on a background with the Yxy color 20.3627, 0.3322, 0.3169.

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

20.3627, 0.3322, 0.3169

Protanopia

20.4359, 0.3095, 0.3199

Deuteranopia

20.4153, 0.3256, 0.3202



Tritanopia

20.4149, 0.3298, 0.3135

Trichromacy



Original Color

20.3627, 0.3322, 0.3169

Protanomaly

20.3029, 0.3169, 0.3183

Deuteranomaly

20.3426, 0.3282, 0.3185

Tritanomaly

20.3887, 0.3310, 0.3152

Monochromacy



Original Color

20.3627, 0.3322, 0.3169

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.4976, 0.3191, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3627, 0.3322, 0.3169 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(141, 119, 126)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 126)  
}
```

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(141, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 126) }
```

Border

The CSS property to change the border of an element to Yxy 20.3627, 0.3322, 0.3169 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(141, 119, 126) }
```

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

```
.border{ border-color:rgb(141, 119, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 119, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3627, 0.3322, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 126) }
```

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

```
.background{ background-color: rgb(141,  
119, 126) }
```

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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