

Converting Colors

$Y_{xy}(20.4224, 0.3778, 0.3293)$

Have a look what the booklet for
Yxy(20.4224, 0.3778, 0.3293)
contains.

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Color

Yxy(20.5572, 0.3786, 0.3308)

Conversions

Conversions Part 1

Format	Color
Hex	A17170
RGB	161, 113, 112
RGB Percent	63%, 44%, 44%
CMY	0.3686, 0.5568, 0.5608
CMYK	0.00, 0.30, 0.30, 0.37
HSL	1°, 21%, 54%
HSV	1°, 30%, 63%
XYZ	23.5277, 20.5572, 18.0590
YIQ	127.2380, 28.9290, 9.8650

Conversions

Conversions Part 2

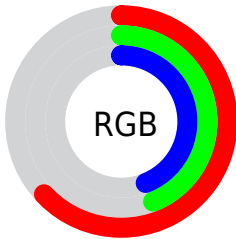
Format	Color
R_{YB}	161, 113, 112
Decimal	10580336
CIE _{Lab}	52.46, 18.85, 8.15
CIE _{LCh}	52, 20.537, 23.385
Yxy	20.5572, 0.3786, 0.3308
Android (android.graphics.Color)	4288770416 (0xFFA17170)
YUV	127.2380, -7.5123, 29.6093
Hunter-Lab	45.3400, 13.2814, 8.1227

Details

The Yxy color **20.5572, 0.3786, 0.3308** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.1602, 0.2697, 0.3272**, and the grayscale version is **21.3290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3423, 0.3634, 0.3304**, and **7.3389, 0.4067, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **17.0121, 0.4111, 0.3314**, and if you desaturate by 10%, it is **24.7799, 0.3520, 0.3302**.

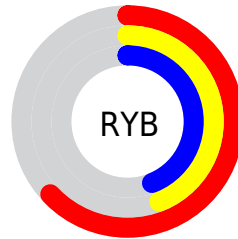
Distribution



Red (63%)

Green (44%)

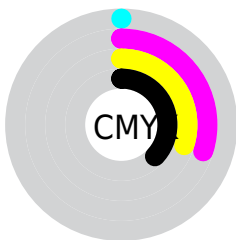
Blue (44%)



Red (63%)

Yellow (44%)

Blue (44%)

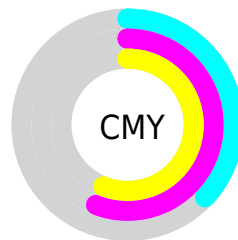


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5572, 0.3786, 0.3308 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 20.5572, 0.3786, 0.3308 by changing the saturation by 10% instead.


 20.5572, 0.3786,
0.3308


 20.5572, 0.3786,
0.3308


254.9158, 0.3409,
0.3305

 12.8007, 0.3900,
0.3305

 44.3494, 0.3635,
0.3309


 7.2915, 0.4062,
0.3298


 61.1539, 0.3583,
0.3309

 3.6450, 0.4308,
0.3281

 81.7433, 0.3540,
0.3308

 1.4771, 0.4722,
0.3236

 106.5018, 0.3505,
0.3308

 0.2725, 0.7252,
0.2748

135.8139, 0.3475,
0.3307

 0.0000, 0.0000,
0.0000

170.0640, 0.3450,

0.3306

209.6365, 0.3428,
0.3306

■ 20.5572, 0.3786,
0.3308

■ 20.5572, 0.3786,
0.3308

■ 17.0121, 0.4111,
0.3314

■ 24.7799, 0.3520,
0.3302

■ 14.1068, 0.4499,
0.3320

■ 29.7100, 0.3306,
0.3296

■ 11.8038, 0.4941,
0.3324


■ 35.3787, 0.3134,
0.3290

■ 10.0611, 0.5407,
0.3325


■ 41.8147, 0.2995,
0.3285

■ 8.8308, 0.5843,
0.3323

■ 49.0451, 0.2882,
0.3281


 8.0573, 0.6177,
0.3316

 57.0957, 0.2791,
0.3277

 7.6480, 0.6383,
0.3314

 65.9912, 0.2715,
0.3273

 75.7552, 0.2653,
0.3270

 86.2869, 0.2610,
0.3288

Harmonies

Analogous

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



20.5572, 0.3502, 0.3015



20.5572, 0.3786, 0.3308



20.5572, 0.3880, 0.3614

Triad

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



20.5572, 0.3786, 0.3308



20.5572, 0.3096, 0.3870



20.5572, 0.2518, 0.2714

Complementary

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



20.5572, 0.3786, 0.3308



31.1602, 0.2697, 0.3272

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.



20.5572, 0.2427, 0.2900



20.5572, 0.3786, 0.3308



20.5572, 0.2747, 0.3583

Square

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



20.5572, 0.3786, 0.3308



20.5572, 0.3468, 0.3968



20.5572, 0.2507, 0.3215



20.5572, 0.2765, 0.2681

Rectangle

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



20.5572, 0.3786, 0.3308



20.5572, 0.3822, 0.3790



20.5572, 0.2507, 0.3215



20.5572, 0.2469, 0.2759

Sweetspot

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



20.5582, 0.3786, 0.3308



54.4152, 0.3282, 0.3295



21.7112, 0.3171, 0.2564



11.6459, 0.3308, 0.3296



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



20.5582, 0.3786, 0.3308



32.0881, 0.4016, 0.3313



26.7291, 0.3674, 0.3690



7.1080, 0.3284, 0.3295



6.1158, 0.6381, 0.3315



0.1350, 0.6289, 0.3389

Inverse Universe

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



31.1602, 0.2697, 0.3272



54.3729, 0.2610, 0.3268



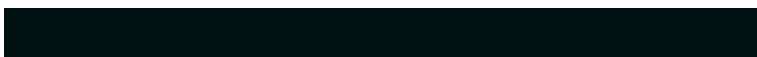
23.5384, 0.2651, 0.2852



7.9864, 0.2988, 0.3285



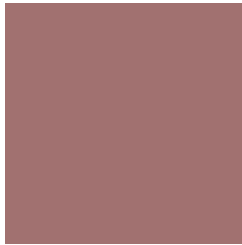
21.5177, 0.2230, 0.3227



0.4593, 0.2236, 0.3250

Previews

White Background



This preview shows how the Yxy color 20.5572, 0.3786, 0.3308 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 20.5572, 0.3786, 0.3308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

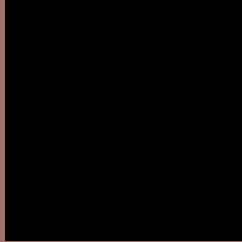
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.5572, 0.3786, 0.3308

Background



This preview shows how black text looks on a background with the Yxy color 20.5572, 0.3786, 0.3308.



This preview shows how white text looks on a background with the Yxy color 20.5572, 0.3786, 0.3308.

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

20.5572, 0.3786, 0.3308

Protanopia

20.6424, 0.3255, 0.3418

Deuteranopia

20.6621, 0.3528, 0.3466



Tritanopia

20.6258, 0.3694, 0.3164

Trichromacy



Original Color

20.5572, 0.3786, 0.3308

Protanomaly

20.5984, 0.3440, 0.3379

Deuteranomaly

20.5886, 0.3632, 0.3410

Tritanomaly

20.5541, 0.3735, 0.3212

Monochromacy



Original Color

20.5572, 0.3786, 0.3308

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8132, 0.3339, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5572, 0.3786, 0.3308 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(161, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 112)  
}
```

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(161, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 112) }
```

Border

The CSS property to change the border of an element to Yxy 20.5572, 0.3786, 0.3308 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(161, 113, 112) }
```

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

```
.border{ border-color:rgb(161, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 113,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5572, 0.3786, 0.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 113, 112) }
```

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

```
.background{ background-color: rgb(161,  
113, 112) }
```

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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