

Converting Colors

$Y_{xy}(20.6370, 0.3892, 0.3430)$

Have a look what the booklet for
Yxy(20.6370, 0.3892, 0.3430)
contains.

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Color

Yxy(20.7359, 0.3890, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	A27269
RGB	162, 114, 105
RGB Percent	64%, 45%, 41%
CMY	0.3647, 0.5529, 0.5883
CMYK	0.00, 0.30, 0.35, 0.36
HSL	9°, 23%, 52%
HSV	9°, 35%, 64%
XYZ	23.4689, 20.7359, 16.1266
YIQ	127.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

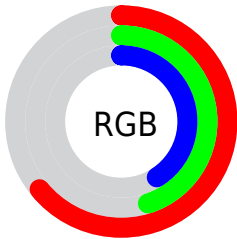
Format	Color
R_{YB}	162, 116, 105
Decimal	10646121
CIE _{Lab}	52.66, 17.74, 12.56
CIE _{LCh}	53, 21.733, 35.306
Yxy	20.7359, 0.3890, 0.3437
Android (android.graphics.Color)	4288836201 (0xFFA27269)
YUV	127.3260, -11.0067, 30.4091
Hunter-Lab	45.5367, 12.3070, 10.8784

Details

The Yxy color **20.7359, 0.3890, 0.3437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3950, 0.2622, 0.3136**, and the grayscale version is **21.3723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5782, 0.3717, 0.3413**, and **7.4531, 0.4207, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **17.5836, 0.4212, 0.3479**, and if you desaturate by 10%, it is **24.4126, 0.3619, 0.3393**.

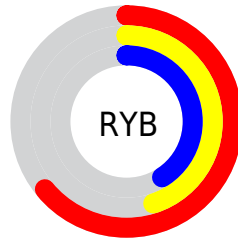
Distribution



Red (64%)

Green (45%)

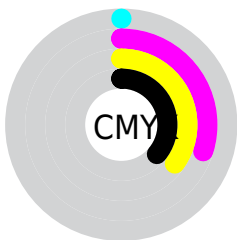
Blue (41%)



Red (64%)

Yellow (45%)

Blue (41%)

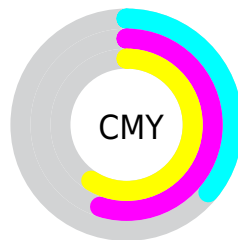


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (36%)



Cyan (36%)


Magenta (55%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7359, 0.3890, 0.3437 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 20.7359, 0.3890, 0.3437 by changing the saturation by 10% instead.


 20.7359, 0.3890,
0.3437


 20.7359, 0.3890,
0.3437


255.8716, 0.3453,
0.3365


 12.9311, 0.4022,
0.3453


 44.6476, 0.3716,
0.3412

 7.3811, 0.4207,
0.3470


 61.5232, 0.3655,
0.3402

 3.7016, 0.4487,
0.3485

 82.1913, 0.3606,
0.3394

 1.5081, 0.4986,
0.3508

 107.0362, 0.3565,
0.3386

 0.2944, 0.7077,
0.2923

136.4423, 0.3531,
0.3380

 0.0000, 0.0000,
0.0000

170.7939, 0.3501,

0.3374

210.4756, 0.3476,
0.3369

■ 20.7359, 0.3890,
0.3437

■ 20.7359, 0.3890,
0.3437

■ 17.5836, 0.4212,
0.3479

■ 24.4126, 0.3619,
0.3393

■ 14.9289, 0.4584,
0.3513

■ 28.6331, 0.3395,
0.3351

■ 12.7471, 0.4995,
0.3535


■ 33.4193, 0.3210,
0.3310

■ 11.0100, 0.5418,
0.3535


■ 38.7913, 0.3058,
0.3272

■ 9.6865, 0.5808,
0.3508

■ 44.7678, 0.2932,
0.3238


 8.7411, 0.6112,
0.3455

 51.3671, 0.2827,
0.3207

 8.4041, 0.6234,
0.3432

 58.6063, 0.2740,
0.3178

 66.5022, 0.2667,
0.3153

 75.0708, 0.2606,
0.3130

Harmonies

Analogous

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



20.7359, 0.3660, 0.3116



20.7359, 0.3890, 0.3437



20.7359, 0.3897, 0.3745

Triad

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



20.7359, 0.3890, 0.3437



20.7359, 0.2938, 0.3803



20.7359, 0.2572, 0.2651

Complementary

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



20.7359, 0.3890, 0.3437



28.3950, 0.2622, 0.3136

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.



20.7359, 0.2408, 0.2781



20.7359, 0.3890, 0.3437



20.7359, 0.2608, 0.3446

Square

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



20.7359, 0.3890, 0.3437



20.7359, 0.3333, 0.3994



20.7359, 0.2420, 0.3065



20.7359, 0.2885, 0.2680

Rectangle

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



20.7359, 0.3890, 0.3437



20.7359, 0.3778, 0.3904



20.7359, 0.2420, 0.3065



20.7359, 0.2498, 0.2677

Sweetspot

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



20.7369, 0.3890, 0.3437



55.3119, 0.3317, 0.3334



20.0986, 0.3271, 0.2554



12.1780, 0.3341, 0.3339



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



20.7369, 0.3890, 0.3437



33.2046, 0.4130, 0.3469



28.0648, 0.3740, 0.3869



7.2584, 0.3281, 0.3326



6.6631, 0.6222, 0.3442



0.1884, 0.5689, 0.3865

Inverse Universe

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



28.3950, 0.2622, 0.3136



49.1359, 0.2526, 0.3097



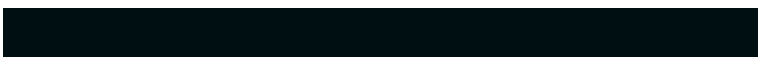
20.2654, 0.2555, 0.2632



7.8197, 0.2988, 0.3254



16.0682, 0.2108, 0.2789



0.3857, 0.2164, 0.2989

Previews

White Background



This preview shows how the Yxy color 20.7359, 0.3890, 0.3437 looks on a white background.

Color Contrast Check

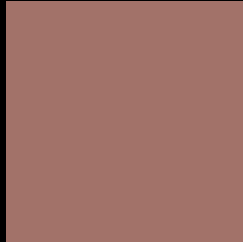
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7359, 0.3890, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

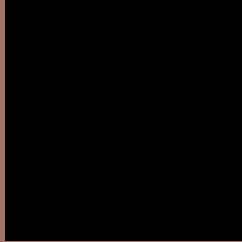
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.7359, 0.3890, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 20.7359, 0.3890, 0.3437.



This preview shows how white text looks on a background with the Yxy color 20.7359, 0.3890, 0.3437.

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

20.7359, 0.3890, 0.3437

Protanopia

20.9749, 0.3372, 0.3563

Deuteranopia

20.7852, 0.3656, 0.3586



Tritanopia

20.8369, 0.3721, 0.3165

Trichromacy



Original Color

20.7359, 0.3890, 0.3437

Protanomaly

20.8628, 0.3550, 0.3518

Deuteranomaly

20.6317, 0.3749, 0.3528

Tritanomaly

20.8346, 0.3772, 0.3260

Monochromacy



Original Color

20.7359, 0.3890, 0.3437

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8264, 0.3388, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7359, 0.3890, 0.3437 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(162, 114, 105)` looks like.

```
.text, #text, p{  
    color:rgb(162, 114, 105)  
}
```

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(162, 114, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 114, 105) }
```

Border

The CSS property to change the border of an element to Yxy 20.7359, 0.3890, 0.3437 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(162, 114, 105) }
```

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

```
.border{ border-color:rgb(162, 114, 105) }
```

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

Here you see how a box with a 4 pixel rgb(162, 114, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 114, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 114, 105);  
box-shadow:4px 4px 4px 4px rgb(162, 114,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7359, 0.3890, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 114, 105) }
```

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

```
.background{ background-color: rgb(162,  
114, 105) }
```

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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