

Converting Colors

$Y_{xy}(21.1512, 0.3762, 0.3344)$

Have a look what the booklet for
Yxy(21.1512, 0.3762, 0.3344)
contains.

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Color

Yxy(21.2601, 0.3759, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	A17471
RGB	161, 116, 113
RGB Percent	63%, 45%, 44%
CMY	0.3685, 0.5451, 0.5569
CMYK	0.00, 0.28, 0.30, 0.37
HSL	4°, 20%, 54%
HSV	4°, 30%, 63%
XYZ	23.9272, 21.2601, 18.4657
YIQ	129.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

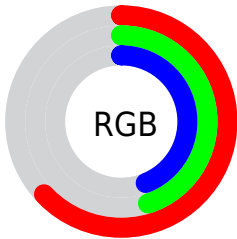
Format	Color
R_{YB}	161, 116, 113
Decimal	10581105
CIE _{Lab}	53.23, 17.29, 8.66
CIE _{LCh}	53, 19.340, 26.610
Yxy	21.2601, 0.3759, 0.3340
Android (android.graphics.Color)	4288771185 (0xFFA17471)
YUV	129.1130, -7.9437, 27.9649
Hunter-Lab	46.1087, 11.9388, 8.5314

Details

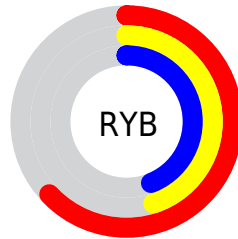
The Yxy color **21.2601, 0.3759, 0.3340** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5484, 0.2701, 0.3239**, and the grayscale version is **22.0165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4736, 0.3616, 0.3328**, and **7.5841, 0.4027, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **17.7276, 0.4072, 0.3358**, and if you desaturate by 10%, it is **25.4247, 0.3502, 0.3322**.

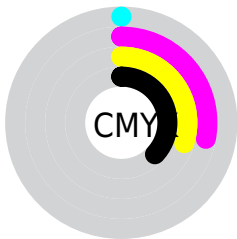
Distribution



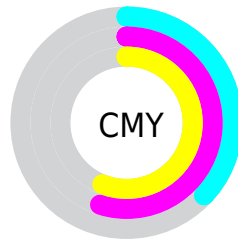
- Red (63%)
- Green (45%)
- Blue (44%)



- Red (63%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (37%)





- Cyan (37%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2601, 0.3759, 0.3340 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 21.2601, 0.3759, 0.3340 by changing the saturation by 10% instead.


 21.2601, 0.3759,
0.3340

 21.2601, 0.3759,
0.3340


258.6576, 0.3399,
0.3319


 13.3143, 0.3867,
0.3343


 45.5200, 0.3616,
0.3334


 7.6453, 0.4020,
0.3344


 62.6029, 0.3566,
0.3331

 3.8688, 0.4250,
0.3339

 83.5002, 0.3525,
0.3328

 1.6005, 0.4635,
0.3315

 108.5964, 0.3491,
0.3326

 0.3579, 0.6805,
0.3195

138.2758, 0.3463,
0.3324

 0.0000, 0.0000,
0.0000

172.9229, 0.3438,

0.3322

212.9220, 0.3417,
0.3320

■ 21.2601, 0.3759,
0.3340

■ 21.2601, 0.3759,
0.3340

■ 17.7276, 0.4072,
0.3358

■ 25.4247, 0.3502,
0.3322

■ 14.7935, 0.4444,
0.3373

■ 30.2470, 0.3293,
0.3305

■ 12.4256, 0.4870,
0.3384


■ 35.7549, 0.3124,
0.3290

■ 10.5873, 0.5324,
0.3387


■ 41.9736, 0.2987,
0.3275


■ 9.2378, 0.5759,
0.3379


■ 48.9274, 0.2875,
0.3262

 8.3304, 0.6111,
0.3359

 56.6390, 0.2784,
0.3251

 7.8036, 0.6344,
0.3342

 65.1305, 0.2708,
0.3240

 7.7971, 0.6348,
0.3342

 74.4228, 0.2645,
0.3231

 84.3467, 0.2605,
0.3254

Harmonies

Analogous

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



21.2601, 0.3511, 0.3060



21.2601, 0.3759, 0.3340



21.2601, 0.3826, 0.3623

Triad

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



21.2601, 0.3759, 0.3340



21.2601, 0.3062, 0.3806



21.2601, 0.2576, 0.2742

Complementary

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



21.2601, 0.3759, 0.3340



30.5484, 0.2701, 0.3239

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.



21.2601, 0.2474, 0.2902



21.2601, 0.3759, 0.3340



21.2601, 0.2743, 0.3527

Square

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



21.2601, 0.3759, 0.3340



21.2601, 0.3411, 0.3920



21.2601, 0.2532, 0.3187



21.2601, 0.2822, 0.2725

Rectangle

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



21.2601, 0.3759, 0.3340



21.2601, 0.3758, 0.3781



21.2601, 0.2532, 0.3187



21.2601, 0.2525, 0.2780

Sweetspot

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



21.2611, 0.3759, 0.3340



54.7597, 0.3281, 0.3304



21.8801, 0.3189, 0.2600



11.7311, 0.3307, 0.3307



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.



21.2611, 0.3759, 0.3340



33.6112, 0.3967, 0.3352



27.3565, 0.3655, 0.3706



7.1535, 0.3283, 0.3305



6.2482, 0.6341, 0.3347



0.1513, 0.6079, 0.3555

Inverse Universe

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



30.5484, 0.2701, 0.3239



53.0428, 0.2616, 0.3226



23.3044, 0.2658, 0.2834



7.9353, 0.2988, 0.3275



19.7460, 0.2194, 0.3098



0.4360, 0.2215, 0.3172

Previews

White Background



This preview shows how the Yxy color 21.2601, 0.3759, 0.3340 looks on a white background.

Color Contrast Check

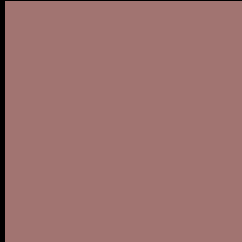
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2601, 0.3759, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

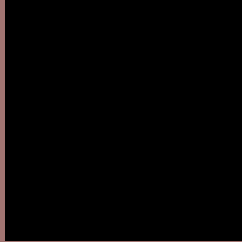
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2601, 0.3759, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 21.2601, 0.3759, 0.3340.



This preview shows how white text looks on a background with the Yxy color 21.2601, 0.3759, 0.3340.

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

21.2601, 0.3759, 0.3340

Protanopia

21.4162, 0.3277, 0.3434

Deuteranopia

21.3555, 0.3535, 0.3481



Tritanopia

21.1461, 0.3646, 0.3148

Trichromacy



Original Color

21.2601, 0.3759, 0.3340

Protanomaly

21.2899, 0.3448, 0.3395

Deuteranomaly

21.1821, 0.3624, 0.3426

Tritanomaly

21.2748, 0.3696, 0.3228

Monochromacy



Original Color

21.2601, 0.3759, 0.3340

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.5081, 0.3348, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2601, 0.3759, 0.3340 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, 116, 113)` looks like.

```
.text, #text, p{  
    color:rgb(161, 116, 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(161, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 116, 113) }
```

Border

The CSS property to change the border of an element to Yxy 21.2601, 0.3759, 0.3340 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, 116, 113) }
```

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

```
.border{ border-color:rgb(161, 116, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 116, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 116, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 116, 113);  
box-shadow:4px 4px 4px 4px rgb(161, 116,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2601, 0.3759, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 116, 113) }
```

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

```
.background{ background-color: rgb(161,  
116, 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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