

Converting Colors

$Y_{xy}(20.0966, 0.4023, 0.3589)$

Have a look what the booklet for
Yxy(20.0966, 0.4023, 0.3589)
contains.

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Color

Yxy(20.1955, 0.4032, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	A1715E
RGB	161, 113, 94
RGB Percent	63%, 44%, 37%
CMY	0.3686, 0.5569, 0.6314
CMYK	0.00, 0.30, 0.42, 0.37
HSL	17°, 26%, 50%
HSV	17°, 42%, 63%
XYZ	22.6252, 20.1955, 13.2935
YIQ	125.1860, 34.7070, 4.2670

Conversions

Conversions Part 2

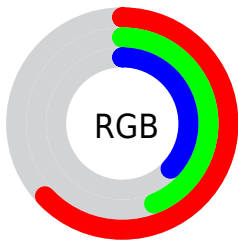
Format	Color
RYB	161, 121, 94
Decimal	10580318
CIELab	52.06, 16.52, 18.12
CIELCh	52, 24.526, 47.641
Yxy	20.1955, 0.4032, 0.3599
Android (android.graphics.Color)	4288770398 (0xFFA1715E)
YUV	125.1860, -15.3747, 31.4089
Hunter-Lab	44.9394, 11.2239, 13.9191

Details

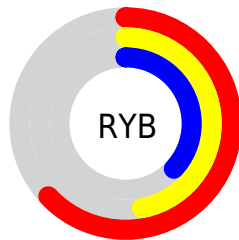
The Yxy color $20.1955, 0.4032, 0.3599$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $24.3014, 0.2517, 0.2951$, and the grayscale version is $20.6187, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.6756, 0.3826, 0.3548$, and $7.1198, 0.4391, 0.3683$ is the 20% darker color. If you saturate the color by 10%, you get $17.5246, 0.4348, 0.3668$, and if you desaturate by 10%, it is $23.2559, 0.3756, 0.3523$.

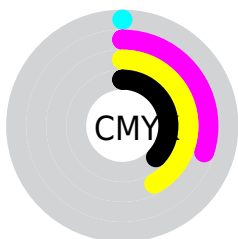
Distribution



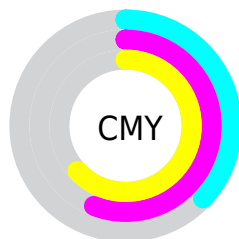
- Red (63%)
- Green (44%)
- Blue (37%)



- Red (63%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (30%)
- Yellow (42%)
- Black (37%)





- Cyan (37%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1955, 0.4032, 0.3599 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 20.1955, 0.4032, 0.3599 by changing the saturation by 10% instead.


 20.1955, 0.4032,
0.3599


 20.1955, 0.4032,
0.3599


252.9715, 0.3513,
0.3440


 12.5372, 0.4188,
0.3637


 43.7447, 0.3825,
0.3541


 7.1107, 0.4406,
0.3682


 60.4044, 0.3753,
0.3520

 3.5314, 0.4729,
0.3731

 80.8335, 0.3695,
0.3501

 1.4151, 0.5522,
0.3957

 105.4161, 0.3646,
0.3485

 0.2278, 0.7313,
0.2687

134.5369, 0.3605,
0.3472

 0.0000, 0.0000,
0.0000

168.5801, 0.3570,

0.3460

207.9302, 0.3540,
0.3449

■ 20.1955, 0.4032,
0.3599

■ 20.1955, 0.4032,
0.3599

■ 17.5246, 0.4348,
0.3668

■ 23.2559, 0.3756,
0.3523

■ 15.2242, 0.4699,
0.3723

■ 26.7178, 0.3520,
0.3446

■ 13.2780, 0.5070,
0.3752


■ 30.5965, 0.3320,
0.3371


■ 11.6675, 0.5433,
0.3745

■ 34.9054, 0.3152,
0.3301

■ 10.3719, 0.5755,
0.3694

■ 39.6574, 0.3010,
0.3236

 9.5060, 0.5983,
0.3631

 44.8649, 0.2890,
0.3176

 50.5397, 0.2789,
0.3121

 56.6932, 0.2703,
0.3072

 63.3364, 0.2630,
0.3026

Harmonies

Analogous

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



20.1955, 0.3870, 0.3235



20.1955, 0.4032, 0.3599



20.1955, 0.3929, 0.3920

Triad

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



20.1955, 0.4032, 0.3599



20.1955, 0.2741, 0.3724



20.1955, 0.2626, 0.2563

Complementary

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



20.1955, 0.4032, 0.3599



24.3014, 0.2517, 0.2951

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.



20.1955, 0.2368, 0.2631



20.1955, 0.4032, 0.3599



20.1955, 0.2429, 0.3279

Square

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



20.1955, 0.4032, 0.3599



20.1955, 0.3171, 0.4040



20.1955, 0.2299, 0.2879



20.1955, 0.3030, 0.2664

Rectangle

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



20.1955, 0.4032, 0.3599



20.1955, 0.3734, 0.4062



20.1955, 0.2299, 0.2879



20.1955, 0.2521, 0.2565

Sweetspot

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



20.1965, 0.4032, 0.3599



54.3464, 0.3331, 0.3376



17.5364, 0.3425, 0.2546



11.7295, 0.3354, 0.3384



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.



20.1965, 0.4032, 0.3599



31.6856, 0.4325, 0.3664



29.0965, 0.3816, 0.4101



7.3979, 0.3278, 0.3354



7.6526, 0.5969, 0.3643



0.2370, 0.5305, 0.4170

Inverse Universe

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



24.3014, 0.2517, 0.2951



40.0062, 0.2396, 0.2861



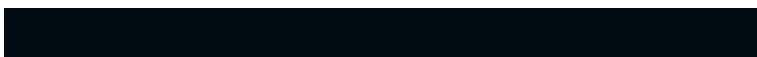
15.7869, 0.2416, 0.2316



7.6702, 0.2987, 0.3225



11.9824, 0.1989, 0.2359



0.3256, 0.2093, 0.2736

Previews

White Background



This preview shows how the Yxy color 20.1955, 0.4032, 0.3599 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 20.1955, 0.4032, 0.3599 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 20.1955, 0.4032, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 20.1955, 0.4032, 0.3599.



This preview shows how white text looks on a background with the Yxy color 20.1955, 0.4032, 0.3599.

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

20.1955, 0.4032, 0.3599

Protanopia

20.2217, 0.3520, 0.3751

Deuteranopia

20.1870, 0.3819, 0.3741



Tritanopia

20.2464, 0.3743, 0.3164

Trichromacy



Original Color

20.1955, 0.4032, 0.3599

Protanomaly

20.1356, 0.3709, 0.3697

Deuteranomaly

20.1883, 0.3898, 0.3697

Tritanomaly

20.1544, 0.3851, 0.3324

Monochromacy



Original Color

20.1955, 0.4032, 0.3599

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.2929, 0.3426, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1955, 0.4032, 0.3599 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 94) }
```

Border

The CSS property to change the border of an element to Yxy 20.1955, 0.4032, 0.3599 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, 94) }
```

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

```
.border{ border-color:rgb(161, 113, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 113, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 113, 94);  
box-shadow:4px 4px 4px 4px rgb(161, 113,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1955, 0.4032, 0.3599 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, 94) }
```

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

```
.background{ background-color: rgb(161,  
113, 94) }
```

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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