

Converting Colors

$Yxy(21.6301, 0.5146, 0.4368)$

Have a look what the booklet for
Yxy(21.6301, 0.5146, 0.4368)
contains.

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Color

Yxy(21.5592, 0.5108, 0.4326)

Conversions

Conversions Part 1

Format	Color
Hex	B86F00
RGB	184, 111, 0
RGB Percent	72%, 44%, 0%
CMY	0.2783, 0.5647, 0.9998
CMYK	0.00, 0.40, 1.00, 0.28
HSL	36°, 100%, 36%
HSV	36°, 100%, 72%
XYZ	25.4564, 21.5592, 2.8207
YIQ	120.1730, 79.1390, -19.0450

Conversions

Conversions Part 2

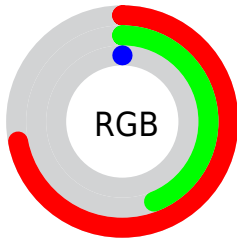
Format	Color
R_{YB}	121, 184, 0
Decimal	12087040
CIE _{Lab}	53.56, 22.49, 60.75
CIE _{LCh}	54, 64.774, 69.687
Yxy	21.5592, 0.5108, 0.4326
Android (android.graphics.Color)	4290277120 (0xFFB86F00)
YUV	120.1730, -59.2453, 55.9763
Hunter-Lab	46.4319, 16.6073, 28.9005

Details

The Yxy color **21.5592, 0.5108, 0.4326** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.2377, 0.1682, 0.1255**, and the grayscale version is **19.0173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9885, 0.4750, 0.4225**, and **7.9150, 0.5348, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **21.5563, 0.5108, 0.4326**, and if you desaturate by 10%, it is **23.2652, 0.4948, 0.4360**.

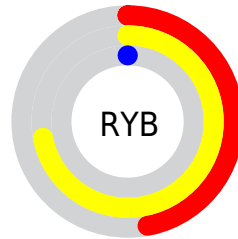
Distribution



Red (72%)

Green (44%)

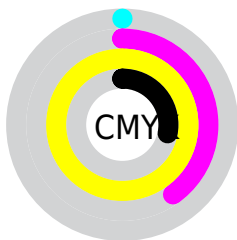
Blue (0%)



Red (47%)

Yellow (72%)

Blue (0%)

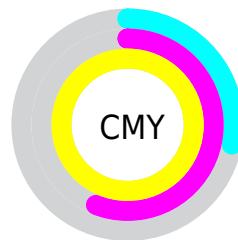


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5592, 0.5108, 0.4326 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 21.5592, 0.5108, 0.4326 by changing the saturation by 10% instead.


 21.5592, 0.5108,
0.4326


 21.5592, 0.5108,
0.4326


260.2356, 0.4086,
0.3903


 13.5334, 0.5323,
0.4354


 46.0164, 0.4754,
0.4220


 7.7968, 0.5620,
0.4380


 63.2165, 0.4613,
0.4164


 3.9652, 0.5795,
0.4205

 84.2435, 0.4492,
0.4111

 1.6541, 0.6075,
0.3925

 109.4818, 0.4388,
0.4061

 0.3937, 0.7016,
0.2984


 139.3157, 0.4297,
0.4016


 0.0000, 0.0000,
0.0000


 174.1297, 0.4217,


0.3975


 214.3082, 0.4148,
0.3937


 21.5592, 0.5108,
0.4326


 21.5592, 0.5108,
0.4326

 21.5563, 0.5108,
0.4326

 23.2652, 0.4948,
0.4360

 25.1459, 0.4760,
0.4350

 27.2211, 0.4546,
0.4291

 29.5013, 0.4318,
0.4189

 31.9957, 0.4087,
0.4059

■ 34.7128, 0.3863,
0.3909

■ 37.6604, 0.3653,
0.3752

■ 40.8456, 0.3459,
0.3592

■ 44.2753, 0.3284,
0.3437

Harmonies

Analogous

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



21.5592, 0.5358, 0.3554



21.5592, 0.5108, 0.4326



21.5592, 0.4335, 0.5097

Triad

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



21.5592, 0.5108, 0.4326



21.5592, 0.1611, 0.3476



21.5592, 0.2551, 0.1822

Complementary

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



21.5592, 0.5108, 0.4326



8.2377, 0.1682, 0.1255

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.



21.5592, 0.1770, 0.1673



21.5592, 0.5108, 0.4326



21.5592, 0.1312, 0.2381

Square

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



21.5592, 0.5108, 0.4326



21.5592, 0.2333, 0.4840



21.5592, 0.1374, 0.1826



21.5592, 0.3693, 0.2234

Rectangle

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



21.5592, 0.5108, 0.4326



21.5592, 0.3679, 0.5436



21.5592, 0.1374, 0.1826



21.5592, 0.2245, 0.1741

Sweetspot

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



21.5603, 0.5108, 0.4326



67.9571, 0.3663, 0.3760



10.6840, 0.5377, 0.2736



14.1593, 0.3750, 0.3826



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



21.5603, 0.5108, 0.4326



38.5850, 0.5127, 0.4311



42.3584, 0.4019, 0.5191



9.8888, 0.3273, 0.3428



14.9932, 0.5094, 0.4337



0.6458, 0.4804, 0.4567

Inverse Universe

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



8.2377, 0.1682, 0.1255



14.4857, 0.1674, 0.1225



3.5956, 0.1534, 0.0619



9.2888, 0.2985, 0.3148



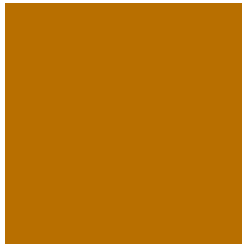
5.8031, 0.1688, 0.1277



0.3265, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 21.5592, 0.5108, 0.4326 looks on a white background.

Color Contrast Check

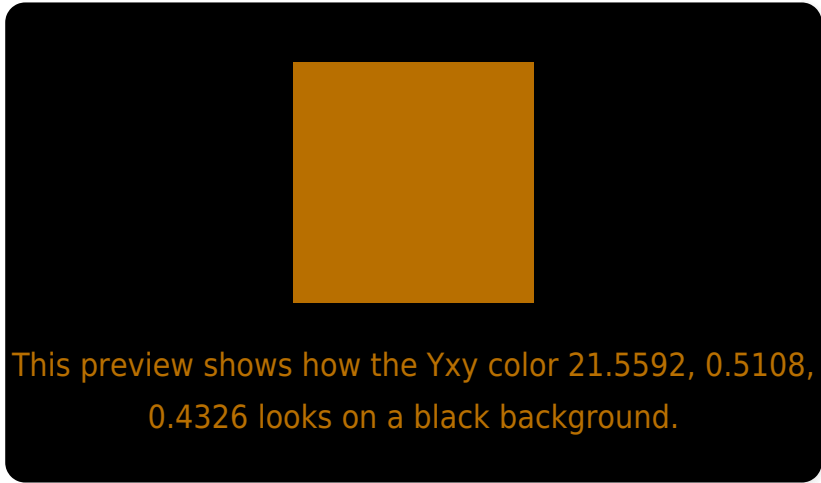
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 21.5592, 0.5108, 0.4326

Background



This preview shows how black text looks on a background with the Yxy color 21.5592, 0.5108, 0.4326.



This preview shows how white text looks on a background with the Yxy color 21.5592, 0.5108, 0.4326.

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

21.5592, 0.5108, 0.4326

Protanopia

21.7520, 0.4363, 0.4840

Deuteranopia

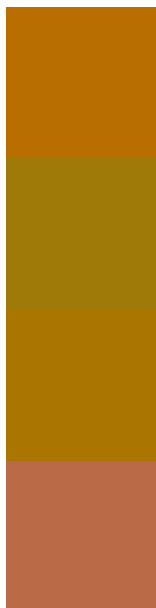
21.6004, 0.4703, 0.4648



Tritanopia

21.5396, 0.4204, 0.3182

Trichromacy



Original Color

21.5592, 0.5108, 0.4326

Protanomaly

21.3097, 0.4646, 0.4646

Deuteranomaly

21.5029, 0.4854, 0.4527

Tritanomaly

21.3278, 0.4717, 0.3756

Monochromacy



Original Color

21.5592, 0.5108, 0.4326

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.0840, 0.3990, 0.4009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5592, 0.5108, 0.4326 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(184, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 111, 0)  
}
```

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(184, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 111, 0) }
```

Border

The CSS property to change the border of an element to Yxy 21.5592, 0.5108, 0.4326 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(184, 111, 0) }
```

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

```
.border{ border-color:rgb(184, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 111,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5592, 0.5108, 0.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 111, 0) }
```

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

```
.background{ background-color: rgb(184,  
111, 0) }
```

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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