

Converting Colors

$Yxy(13.0676, 0.5314, 0.3993)$

Have a look what the booklet for
Yxy(13.0676, 0.5314, 0.3993)
contains.

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Color

Yxy(13.1161, 0.5309, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	A04F14
RGB	160, 79, 20
RGB Percent	63%, 31%, 8%
CMY	0.3725, 0.6902, 0.9214
CMYK	0.00, 0.51, 0.87, 0.37
HSL	25°, 78%, 35%
HSV	25°, 87%, 63%
XYZ	17.4214, 13.1161, 2.2774
YIQ	96.4930, 67.2150, -1.1770

Conversions

Conversions Part 2

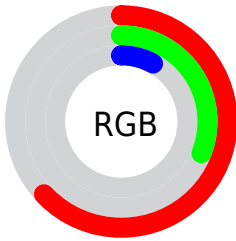
Format	Color
RYB	160, 122, 20
Decimal	10506004
CIELab	42.94, 29.98, 46.51
CIElCh	43, 55.337, 57.196
Yxy	13.1161, 0.5309, 0.3997
Android (android.graphics.Color)	4288696084 (0xFFA04F14)
YUV	96.4930, -37.7110, 55.6956
Hunter-Lab	36.2162, 22.4873, 21.6230

Details

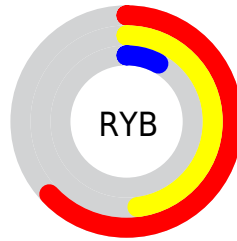
The Yxy color **13.1161, 0.5309, 0.3997** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.0067, 0.1938, 0.2060**, and the grayscale version is **11.9064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.3584, 0.4830, 0.3937**, and **3.8048, 0.5856, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **11.8308, 0.5557, 0.3938**, and if you desaturate by 10%, it is **14.6243, 0.5024, 0.4008**.

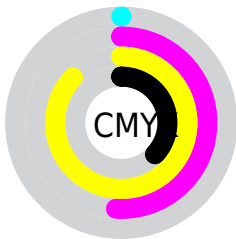
Distribution



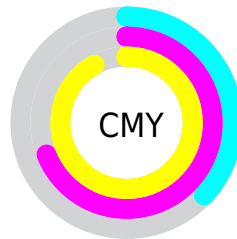
- Red (63%)
- Green (31%)
- Blue (8%)



- Red (63%)
- Yellow (48%)
- Blue (8%)



- Cyan (0%)
- Magenta (51%)
- Yellow (87%)
- Black (37%)





- Cyan (37%)
- Magenta (69%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1161, 0.5309, 0.3997 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 13.1161, 0.5309, 0.3997 by changing the saturation by 10% instead.


 13.1161, 0.5309,
0.3997


 13.1161, 0.5309,
0.3997


211.6604, 0.4055,
0.3720


 7.5085, 0.5638,
0.3981


 31.5122, 0.4830,
0.3945


 3.7821, 0.6088,
0.3912

 45.0695, 0.4655,
0.3907


 1.5524, 0.6446,
0.3554

 62.0456, 0.4509,
0.3870

 0.3252, 0.7647,
0.2353


 82.8248, 0.4388,
0.3834


 0.0000, 0.0000,
0.0000


 107.7914, 0.4285,
0.3802

 137.3300, 0.4197,


0.3772


 171.8249, 0.4121,
0.3745


 13.1161, 0.5309,
0.3997

 13.1161, 0.5309,
0.3997


 11.8308, 0.5557,
0.3938

 14.6243, 0.5024,
0.4008

 11.5359, 0.5618,
0.3921

 16.3689, 0.4719,
0.3973

 18.3626, 0.4415,
0.3901

 20.6164, 0.4126,
0.3806

 23.1404, 0.3863,
0.3698

■ 25.9442, 0.3629,
0.3585

■ 29.0367, 0.3423,
0.3473

■ 32.4266, 0.3244,
0.3366

■ 36.1219, 0.3090,
0.3265

Harmonies

Analogous

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



13.1161, 0.5253, 0.3249



13.1161, 0.5309, 0.3997



13.1161, 0.4707, 0.4797

Triad

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



13.1161, 0.5309, 0.3997



13.1161, 0.1851, 0.4066



13.1161, 0.2169, 0.1717

Complementary

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



13.1161, 0.5309, 0.3997



12.0067, 0.1938, 0.2060

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.



13.1161, 0.1553, 0.1687



13.1161, 0.5309, 0.3997



13.1161, 0.1376, 0.2763

Square

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



13.1161, 0.5309, 0.3997



13.1161, 0.2728, 0.5264



13.1161, 0.1298, 0.1990



13.1161, 0.3187, 0.2025

Rectangle

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



13.1161, 0.5309, 0.3997



13.1161, 0.4100, 0.5267



13.1161, 0.1298, 0.1990



13.1161, 0.1919, 0.1675

Sweetspot

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



13.1168, 0.5309, 0.3997



47.6220, 0.3607, 0.3574



8.9298, 0.4351, 0.2268



10.0679, 0.3679, 0.3611



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.



13.1168, 0.5309, 0.3997



20.5607, 0.5650, 0.3896



28.8141, 0.4285, 0.4886



7.0824, 0.3274, 0.3385



9.0687, 0.5603, 0.3934



0.2440, 0.4956, 0.4447

Inverse Universe

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



12.0067, 0.1938, 0.2060



18.2907, 0.1844, 0.1836



3.7051, 0.1607, 0.0834



7.0408, 0.2988, 0.3194



8.1110, 0.1855, 0.1879



0.2276, 0.2029, 0.2502

Previews

White Background



This preview shows how the Yxy color 13.1161, 0.5309, 0.3997 looks on a white 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

Black Background



This preview shows how the Yxy color 13.1161, 0.5309, 0.3997 looks on a black 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

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

Yxy 13.1161, 0.5309, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 13.1161, 0.5309, 0.3997.



This preview shows how white text looks on a background with the Yxy color 13.1161, 0.5309, 0.3997.

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

13.1161, 0.5309, 0.3997

Protanopia

13.2222, 0.4269, 0.4701

Deuteranopia

13.2165, 0.4694, 0.4655



Tritanopia

13.1435, 0.4593, 0.3218

Trichromacy



Original Color

13.1161, 0.5309, 0.3997

Protanomaly

12.8966, 0.4654, 0.4437

Deuteranomaly

12.9031, 0.4945, 0.4398

Tritanomaly

13.0514, 0.4921, 0.3559

Monochromacy



Original Color

13.1161, 0.5309, 0.3997

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.6516, 0.3967, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1161, 0.5309, 0.3997 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(160, 79, 20)` looks like.

```
.text, #text, p{  
    color:rgb(160, 79, 20)  
}
```

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(160, 79, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 79, 20) }
```

Border

The CSS property to change the border of an element to Yxy 13.1161, 0.5309, 0.3997 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(160, 79, 20) }
```

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

```
.border{ border-color:rgb(160, 79, 20) }
```

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

Here you see how a box with a 4 pixel rgb(160, 79, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 79, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 79, 20);  
box-shadow:4px 4px 4px 4px rgb(160, 79,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1161, 0.5309, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 79, 20) }
```

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

```
.background{ background-color: rgb(160, 79,  
20) }
```

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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