

Converting Colors

$Yxy(24.0591, 0.5525, 0.3995)$

Have a look what the booklet for
Yxy(24.0591, 0.5525, 0.3995)
contains.

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Color

Yxy(24.0591, 0.5525, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	D96500
RGB	217, 101, 0
RGB Percent	85%, 40%, 0%
CMY	0.1489, 0.6040, 0.9999
CMYK	0.00, 0.53, 1.00, 0.15
HSL	28°, 100%, 43%
HSV	28°, 100%, 85%
XYZ	33.2732, 24.0591, 2.8907
YIQ	124.1700, 101.5570, -6.8190

Conversions

Conversions Part 2

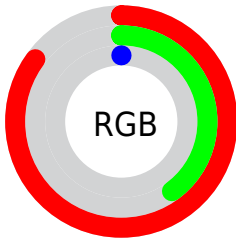
Format	Color
RYB	217, 189, 0
Decimal	14247168
CIELab	56.15, 41.41, 64.73
CIElCh	56, 76.841, 57.390
Yxy	24.0591, 0.5525, 0.3995
Android (android.graphics.Color)	4292437248 (0xFFD96500)
YUV	124.1700, -61.2158, 81.4119
Hunter-Lab	49.0501, 35.2482, 30.8409

Details

The Yxy color **24.0591, 0.5525, 0.3995** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **17.5132, 0.1800, 0.1678**, and the grayscale version is **20.3996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7529, 0.4917, 0.4094**, and **9.1512, 0.5876, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **24.0579, 0.5525, 0.3995**, and if you desaturate by 10%, it is **26.5317, 0.5311, 0.4070**.

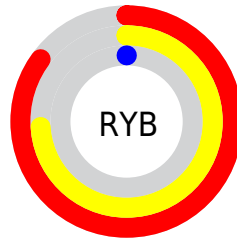
Distribution



Red (85%)

Green (40%)

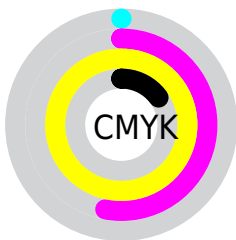
Blue (0%)



Red (85%)

Yellow (74%)

Blue (0%)

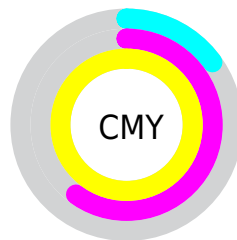


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (60%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0591, 0.5525, 0.3995 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 24.0591, 0.5525, 0.3995 by changing the saturation by 10% instead.


 24.0591, 0.5525,
0.3995


 24.0591, 0.5525,
0.3995


273.1191, 0.4305,
0.3811


 15.3775, 0.5781,
0.3952


 50.1266, 0.5106,
0.3990

 9.0847, 0.6122,
0.3878


 68.2813, 0.4939,
0.3968


 4.7965, 0.6377,
0.3623

 90.3625, 0.4794,
0.3942

 2.1284, 0.6756,
0.3244

 116.7545, 0.4669,
0.3914

 0.6805, 0.7413,
0.2587

 147.8418, 0.4560,
0.3887

 0.0000, 1.0000,
0.0000


 184.0087, 0.4465,


 0.0000, 0.0000,


0.3860


0.0000


 225.6397, 0.4380,
0.3835


 24.0591, 0.5525,
0.3995


 24.0591, 0.5525,
0.3995


 24.0579, 0.5525,
0.3995

 26.5317, 0.5311,
0.4070

 29.3976, 0.5057,
0.4095

 32.6908, 0.4773,
0.4068

 36.4344, 0.4481,
0.3998

 40.6489, 0.4196,
0.3898

■ 45.3534, 0.3930,
0.3780

■ 50.5653, 0.3690,
0.3654

■ 56.3014, 0.3476,
0.3528

■ 62.5774, 0.3290,
0.3406

Harmonies

Analogous

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



24.0591, 0.5519, 0.3202



24.0591, 0.5525, 0.3995



24.0591, 0.4809, 0.4892

Triad

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



24.0591, 0.5525, 0.3995



24.0591, 0.1688, 0.4157



24.0591, 0.2066, 0.1573

Complementary

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



24.0591, 0.5525, 0.3995



17.5132, 0.1800, 0.1678

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.



24.0591, 0.1408, 0.1533



24.0591, 0.5525, 0.3995



24.0591, 0.1203, 0.2661

Square

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



24.0591, 0.5525, 0.3995



24.0591, 0.2629, 0.5571



24.0591, 0.1137, 0.1836



24.0591, 0.3190, 0.1903

Rectangle

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



24.0591, 0.5525, 0.3995



24.0591, 0.4125, 0.5463



24.0591, 0.1137, 0.1836



24.0591, 0.1797, 0.1527

Sweetspot

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



24.0604, 0.5525, 0.3995



72.6361, 0.3696, 0.3658



16.0959, 0.4768, 0.2400



14.8457, 0.3796, 0.3712



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.0604, 0.5525, 0.3995



34.3711, 0.5539, 0.3984



58.9783, 0.4284, 0.4980



14.0452, 0.3280, 0.3399



14.7679, 0.5501, 0.4014



1.1281, 0.5234, 0.4226

Inverse Universe

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



17.5132, 0.1800, 0.1678



24.9263, 0.1796, 0.1664



5.2473, 0.1507, 0.0625



13.7644, 0.2982, 0.3178



10.8116, 0.1806, 0.1703



0.8723, 0.1884, 0.1982

Previews

White Background



This preview shows how the Yxy color 24.0591, 0.5525, 0.3995 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 24.0591, 0.5525, 0.3995 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 24.0591, 0.5525, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 24.0591, 0.5525, 0.3995.



This preview shows how white text looks on a background with the Yxy color 24.0591, 0.5525, 0.3995.

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

24.0591, 0.5525, 0.3995

Protanopia

24.3342, 0.4339, 0.4826

Deuteranopia

24.0963, 0.4717, 0.4637



Tritanopia

24.1412, 0.4789, 0.3228

Trichromacy



Original Color

24.0591, 0.5525, 0.3995

Protanomaly

23.4251, 0.4813, 0.4499

Deuteranomaly

23.6482, 0.5041, 0.4380

Tritanomaly

23.9796, 0.5210, 0.3630

Monochromacy



Original Color

24.0591, 0.5525, 0.3995

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.3244, 0.4164, 0.3889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0591, 0.5525, 0.3995 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(217, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 101, 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(217, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 101, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.0591, 0.5525, 0.3995 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(217, 101, 0) }
```

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

```
.border{ border-color:rgb(217, 101, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 101,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0591, 0.5525, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 101, 0) }
```

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

```
.background{ background-color: rgb(217,  
101, 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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