

Converting Colors

YUV(46.6740, -15.1223,
90.6169)

Have a look what the booklet for
YUV(46.6740, -15.1223, 90.6169)
contains.

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Color

**YUV(46.6740, -15.1223,
90.6169)**

Conversions

Conversions Part 1

Format	Color
Hex	960010
RGB	150, 0, 16
RGB Percent	59%, 0%, 6%
CMY	0.4118, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.89, 0.41
HSL	354°, 100%, 29%
HSV	354°, 100%, 59%
XYZ	12.6712, 6.5214, 1.0811
YIQ	46.6740, 84.2640, 36.7760

Conversions

Conversions Part 2

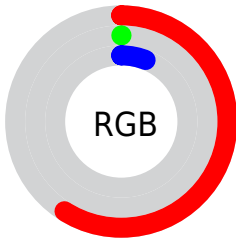
Format	Color
RYB	150, 0, 16
Decimal	9830416
CIELab	30.69, 54.17, 37.52
CIELCh	31, 65.891, 34.706
Yxy	6.5214, 0.6250, 0.3217
Android (android.graphics.Color)	4288020496 (0xFF960010)
YUV	46.6740, -15.1223, 90.6169
Hunter-Lab	25.5371, 43.8796, 15.3659

Details

The YUV color **46.6740, -15.1223, 90.6169** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **103.3260, 15.1223, -90.6169**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4920, -25.8786, 87.2685**, and **26.6110, -13.1192, 54.7152** is the 20% darker color. If you saturate the color by 10%, you get **46.6740, -15.1223, 90.6169**, and if you desaturate by 10%, it is **56.9610, -13.7848, 81.5952**.

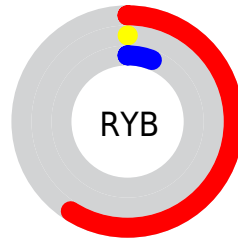
Distribution



Red (59%)

Green (0%)

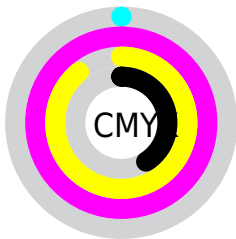
Blue (6%)



Red (59%)

Yellow (0%)

Blue (6%)

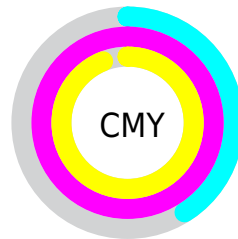


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (41%)



Cyan (41%)


Magenta (100%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.6740, -15.1223, 90.6169 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 YUV color 46.6740, -15.1223, 90.6169 by changing the saturation by 10% instead.


 46.6740, -15.1223,
90.6169


 46.6740, -15.1223,
90.6169


 253.6320, -5.2416,
1.1997


 35.8800, -17.6888,
73.7732


 112.4920,
-25.8786, 87.2685


 26.6110, -13.1192,
54.7152


 141.1180,
-28.6522, 90.2275

 18.7660, -8.2656,
37.9162

 163.1060,
-27.1673, 80.5910

 8.1870, -3.5432,
16.4990

 182.3920,
-24.3503, 63.6772


 0.0000, 0.0000,
0.0000


 202.4930,
-20.9490, 46.0486


 222.0070,


-17.2585, 28.9349


 242.8090,
-13.7098, 10.6915


 46.6740, -15.1223,
90.6169

 56.9610, -13.7848,
81.5952

 67.3620, -12.0105,
72.4735

 77.6490, -10.6730,
63.4518

 88.0500, -8.8986,
54.3302

 98.3370, -7.5611,
45.3085

■ 108.6240, -6.2236,
36.2868

■ 119.0250, -4.4493,
27.1651

■ 129.3120, -3.1118,
18.1434

■ 139.7130, -1.3375,
9.0217

Harmonies

Analogous

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



54.8800, 5.9752, 90.4362



46.6740, -15.1223, 90.6169



66.7140, -32.8900, 49.3628

Triad

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



46.6740, -15.1223, 90.6169



55.4520, -15.9988, -48.6314



65.3770, 55.0301, -57.3356

Complementary

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



46.6740, -15.1223, 90.6169



103.3260, 15.1223, -90.6169

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.



71.2810, 47.1895, -62.5134



46.6740, -15.1223, 90.6169



63.0100, 7.8831, -55.2598

Square

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



46.6740, -15.1223, 90.6169



56.4730, -27.8412, -30.2328



68.8240, 30.1598, -60.3586



71.5480, 42.6208, 3.0274

Rectangle

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



46.6740, -15.1223, 90.6169



68.3320, -33.6877, 25.1418



68.8240, 30.1598, -60.3586



68.3120, 53.5832, -59.9096

Sweetspot

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



46.6740, -15.1223, 90.6169



154.0260, -5.9288, 35.0572



56.5680, 46.0620, 66.1539



72.9210, -3.4121, 21.1173



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



46.6740, -15.1223, 90.6169



60.4000, -19.4242, 117.1672



78.8960, -38.8957, 62.3582



69.0930, -1.0318, 4.3034



42.9720, -13.7902, 83.3396



3.1040, -1.0373, 6.0478

Inverse Universe

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



46.6740, -15.1223, 90.6169



60.4000, -19.4242, 117.1672



71.6910, 38.6063, -62.8730



69.0930, -1.0318, 4.3034



42.9720, -13.7902, 83.3396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 46.6740, -15.1223, 90.6169 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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](#).

YUV 46.6740, -15.1223, 90.6169

Background



This preview shows how black text looks on a background with the YUV color 46.6740, -15.1223, 90.6169.



This preview shows how white text looks on a background with the YUV color 46.6740, -15.1223,

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

46.6740, -15.1223, 90.6169

Protanopia

73.0340, -21.7088, 9.6172

Deuteranopia

70.9680, -34.9872, 21.9531



Tritanopia

52.7690, -26.0151, 84.3946

Trichromacy



Original Color

46.6740, -15.1223, 90.6169

Protanomaly

63.2040, -19.3276, 39.2861

Deuteranomaly

62.3700, -27.7904, 47.0335

Tritanomaly

50.5180, -21.9474, 86.3687

Monochromacy



Original Color

46.6740, -15.1223, 90.6169

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8300, -5.3392, 32.5981

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.6740, -15.1223, 90.6169 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(150, 0, 16)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 16)  
}
```

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(150, 0, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 16) }
```

Border

The CSS property to change the border of an element to YUV 46.6740, -15.1223, 90.6169 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(150, 0, 16) }
```


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

```
.border{ border-color:rgb(150, 0, 16) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 16);  
box-shadow:4px 4px 4px 4px rgb(150, 0, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.6740, -15.1223, 90.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 16) }
```

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

```
.background{ background-color: rgb(150, 0,  
16) }
```

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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