

Converting Colors

YUV(93.3690, -36.1709,
75.0984)

Have a look what the booklet for
YUV(93.3690, -36.1709, 75.0984)
contains.

YUV(93.3690, -36.1709, 75.0984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.3690, -36.1709,
75.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	B34014
RGB	179, 64, 20
RGB Percent	70%, 25%, 8%
CMY	0.2980, 0.7490, 0.9216
CMYK	0.00, 0.64, 0.89, 0.30
HSL	17°, 80%, 39%
HSV	17°, 89%, 70%
XYZ	20.5501, 13.3010, 2.1461
YIQ	93.3690, 82.6640, 10.6960

Conversions

Conversions Part 2

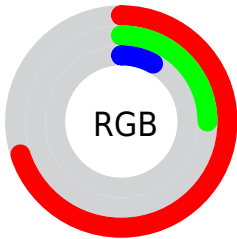
Format	Color
R_{YB}	179, 81, 20
Decimal	11747348
CIE _{Lab}	43.21, 44.87, 48.07
CIE _{LCh}	43, 65.754, 46.972
Yxy	13.3010, 0.5709, 0.3695
Android (android.graphics.Color)	4289937428 (0xFFB34014)
YUV	93.3690, -36.1709, 75.0984
Hunter-Lab	36.4705, 36.7560, 22.0405

Details

The YUV color **93.3690, -36.1709, 75.0984** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **105.6310, 36.1709, -75.0984**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9030, -39.3922, 81.6461**, and **35.8690, -17.6834, 72.0289** is the 20% darker color. If you saturate the color by 10%, you get **83.6860, -40.2712, 83.5904**, and if you desaturate by 10%, it is **103.0520, -32.0706, 66.6064**.

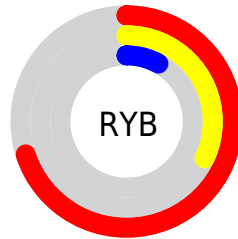
Distribution



Red (70%)

Green (25%)

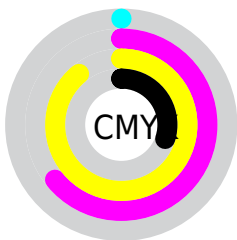
Blue (8%)



Red (70%)

Yellow (32%)

Blue (8%)

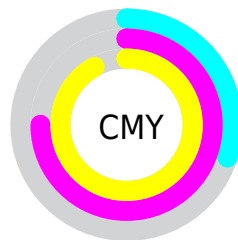


Cyan (0%)

Magenta (64%)

Yellow (89%)

Black (30%)



Cyan (30%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3690, -36.1709, 75.0984 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 93.3690, -36.1709, 75.0984 by changing the saturation by 10% instead.

■ 93.3690, -36.1709,
75.0984

■ 93.3690, -36.1709,
75.0984

255.0000, 0.0000,
0.0000

■ 65.9710, -32.5237,
71.9394

■ 148.9030,
-39.3922, 81.6461

■ 35.8690, -17.6834,
72.0289

■ 170.9020,
-37.9127, 73.7539

■ 26.3120, -12.9718,
54.1004

■ 190.1880,
-35.0957, 56.8401

■ 18.0540, -8.4076,
36.7866

■ 209.5880,
-31.8419, 39.8263


■ 8.7850, -3.8380,
17.7286


■ 229.6890,
-28.4407, 22.1977


■ 0.0000, 0.0000,
0.0000


■ 248.7300,

-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 93.3690, -36.1709,
75.0984


 93.3690, -36.1709,
75.0984


 83.6860, -40.2712,
83.5904


 103.0520,
-32.0706, 66.6064

 82.8710, -40.8554,
84.3051

 112.7350,
-27.9704, 58.1144

 122.4180,
-23.8701, 49.6224

 132.1010,
-19.7698, 41.1304

 141.6700,
-16.1063, 32.7384

■ 151.3530,
-12.0060, 24.2464

■ 161.0360, -7.9057,
15.7544

■ 170.7190, -3.8055,
7.2624

■ 180.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



86.4110, -6.1186, 96.1096



93.3690, -36.1709, 75.0984



96.4730, -47.5612, 41.6812

Triad

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



93.3690, -36.1709, 75.0984



81.4520, -2.6878, -71.4334



81.2380, 62.4937, -71.2457

Complementary

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



93.3690, -36.1709, 75.0984



105.6310, 36.1709, -75.0984

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.



91.9180, 57.7214, -80.6121



93.3690, -36.1709, 75.0984



89.0100, 21.1941, -78.0618

Square

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



93.3690, -36.1709, 75.0984



73.0150, -30.0804, -58.7722



93.4220, 43.1760, -81.9311



103.4270, 36.2715, 32.9515

Rectangle

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



93.3690, -36.1709, 75.0984



94.8350, -46.7537, 15.9307



93.4220, 43.1760, -81.9311



85.8030, 62.2151, -75.2492

Sweetspot

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



93.3690, -36.1709, 75.0984



198.4030, -14.4957, 29.4646



80.8790, 27.6677, 86.0521



96.9330, -8.3480, 17.5988



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



93.3690, -36.1709, 75.0984



106.9360, -52.7194, 109.6811



139.1550, -58.7434, 34.9441



84.4520, -2.1948, 3.9886



70.4010, -34.7077, 72.4393



11.8830, -5.8583, 12.3806

Inverse Universe

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



105.6310, 36.1709, -75.0984



125.0640, 52.7194, -109.6811



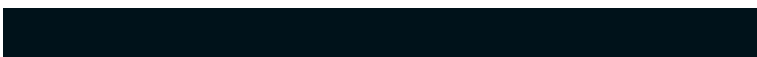
59.8450, 58.7434, -34.9441



85.1350, 1.9054, -4.5034



82.5990, 34.7077, -72.4393



13.5300, 6.1477, -11.8658

Previews

White Background



This preview shows how the YUV color 93.3690, -36.1709, 75.0984 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 YUV color 93.3690, -36.1709, 75.0984 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](#).

YUV 93.3690, -36.1709, 75.0984 Background



This preview shows how black text looks on a background with the YUV color 93.3690, -36.1709, 75.0984.



This preview shows how white text looks on a background with the YUV color 93.3690, -36.1709,

75.0984.

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

93.3690, -36.1709, 75.0984

Protanopia

98.2660, -33.6551, 14.6757

Deuteranopia

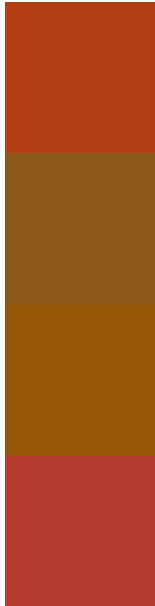
96.3960, -47.5232, 29.4707



Tritanopia

96.2220, -16.3784, 73.4733

Trichromacy



Original Color

93.3690, -36.1709, 75.0984

Protanomaly

96.4690, -34.7412, 36.4227

Deuteranomaly

95.5320, -43.6463, 46.0144

Tritanomaly

94.9850, -23.6566, 74.5582

Monochromacy



Original Color

93.3690, -36.1709, 75.0984

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7340, -13.1799, 27.4203

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3690, -36.1709, 75.0984 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(179, 64, 20)` looks like.

```
.text, #text, p{  
    color:rgb(179, 64, 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(179, 64, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 64, 20) }
```

Border

The CSS property to change the border of an element to YUV 93.3690, -36.1709, 75.0984 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(179, 64, 20) }
```


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

```
.border{ border-color:rgb(179, 64, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 64, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 64, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 64, 20);  
box-shadow:4px 4px 4px 4px rgb(179, 64,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 93.3690, -36.1709, 75.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 64, 20) }
```

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

```
.background{ background-color: rgb(179, 64,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor