

Converting Colors

YUV(95.8990, -47.2782, -2.5424)

Have a look what the booklet for
YUV(95.8990, -47.2782, -2.5424)
contains.

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Color

**YUV(95.8990, -47.2782,
-2.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7400
RGB	93, 116, 0
RGB Percent	36%, 45%, 0%
CMY	0.6353, 0.5451, 1.0000
CMYK	0.20, 0.00, 1.00, 0.55
HSL	72°, 100%, 23%
HSV	72°, 100%, 45%
XYZ	10.7596, 14.8179, 2.2931
YIQ	95.8990, 23.5280, -40.9520

Conversions

Conversions Part 2

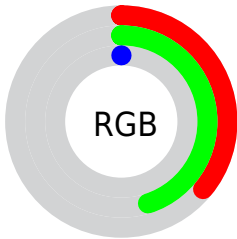
Format	Color
RYB	0, 116, 23
Decimal	6124544
CIELab	45.38, -22.71, 50.60
CIELCh	45, 55.466, 114.171
Yxy	14.8179, 0.3861, 0.5317
Android (android.graphics.Color)	4284314624 (0xFF5D7400)
YUV	95.8990, -47.2782, -2.5424
Hunter-Lab	38.4941, -17.4716, 23.4140

Details

The YUV color **95.8990, -47.2782, -2.5424** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **20.1010, 47.2782, 2.5424**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6370, -43.2050, -2.3126**, and **52.4740, -25.8697, -9.1857** is the 20% darker color. If you saturate the color by 10%, you get **95.8990, -47.2782, -2.5424**, and if you desaturate by 10%, it is **97.8650, -42.3314, -2.5126**.

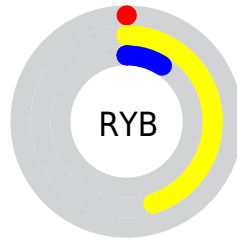
Distribution



Red (36%)

Green (45%)

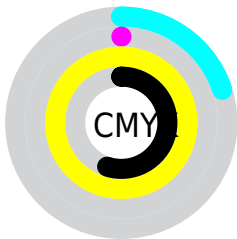
Blue (0%)



Red (0%)

Yellow (45%)

Blue (9%)

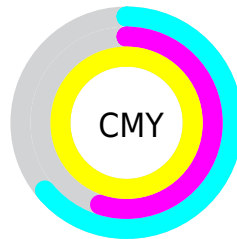


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8990, -47.2782, -2.5424 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 95.8990, -47.2782, -2.5424 by changing the saturation by 10% instead.

95.8990, -47.2782,
-2.5424

95.8990, -47.2782,
-2.5424

254.8860, -0.4368,
0.1000

73.4500, -36.2108,
-5.6566

149.6370,
-43.2050, -2.3126

52.4740, -25.8697,
-9.1857

176.5230,
-43.6418, -2.2127

30.9000, -15.2337,
-13.9443

204.5940,
-44.6628, -1.3979

15.8490, -7.8136,
-13.8996


233.3660,
-45.5364, -1.1980


0.0000, 0.0000,
0.0000


245.0820,
-38.0014, 8.6981


248.2740,


-25.7711, 5.8987


 251.5800,
-13.1039, 2.9993

 95.8990, -47.2782,
-2.5424

 97.8650, -42.3314,
-2.5126

 100.0160,
-37.9689, -1.7680

 101.9820,
-33.0221, -1.7382

 103.8340,
-28.5122, -1.6084

 105.8000,
-23.5654, -1.5786

■ 108.0650,
-18.7660, -0.9340

■ 109.9170,
-14.2561, -0.8042

■ 111.8830, -9.3093,
-0.7744

■ 114.0340, -4.9468,
-0.0298

Harmonies

Analogous

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



100.8370, -49.7126, 31.7150



95.8990, -47.2782, -2.5424



84.0550, -17.2821, -57.0532

Triad

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



95.8990, -47.2782, -2.5424



94.1230, 43.3234, -82.5459



104.1010, 7.3452, 70.9484

Complementary

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



95.8990, -47.2782, -2.5424



20.1010, 47.2782, 2.5424

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.



109.7130, 25.7775, 38.8397



95.8990, -47.2782, -2.5424



90.8920, 53.7902, -79.7123

Square

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



95.8990, -47.2782, -2.5424



92.1390, 25.5675, -80.8059



106.4270, 42.6805, -16.1605



101.9880, -14.7841, 75.4325

Rectangle

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



95.8990, -47.2782, -2.5424



83.6690, -1.8088, -73.3777



106.4270, 42.6805, -16.1605



106.0660, 13.7715, 63.0861

Sweetspot

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



95.8990, -47.2782, -2.5424



142.4780, -18.4767, -0.4192



47.0110, -23.1764, 60.5034



72.0140, -11.3459, -0.8893



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



95.8990, -47.2782, -2.5424



124.2290, -61.2449, -2.8318



79.1550, -39.0234, -36.9699



57.7180, -2.3260, -0.6297



100.9160, -49.7516, -2.5573



206.5500, -101.8291, -5.7444

Inverse Universe

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



20.1010, 47.2782, 2.5424



26.0700, 61.0975, 3.4466



36.8450, 39.0234, 36.9699



53.9830, 2.4734, 0.0149



21.0840, 49.7516, 2.5573



43.4500, 101.8291, 5.7443

Previews

White Background



This preview shows how the YUV color 95.8990, -47.2782, -2.5424 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 95.8990, -47.2782, -2.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

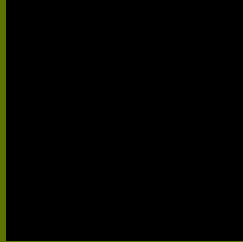
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8990, -47.2782, -2.5424

Background



This preview shows how black text looks on a background with the YUV color 95.8990, -47.2782, -2.5424.



This preview shows how white text looks on a background with the YUV color 95.8990, -47.2782, -2.5424.

-2.5424.

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

95.8990, -47.2782, -2.5424

Protanopia

99.5750, -49.0905, 18.7897

Deuteranopia

102.6330, -40.2451, 28.3859



Tritanopia

107.4170, 4.2314, -3.8737

Trichromacy



Original Color

95.8990, -47.2782, -2.5424

Protanomaly

98.3460, -48.4846, 11.0976

Deuteranomaly

100.1710, -42.9753, 17.3900

Tritanomaly

103.1940, -14.3926, -3.6781

Monochromacy



Original Color

95.8990, -47.2782, -2.5424

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8200, -17.1663, -0.7191

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8990, -47.2782, -2.5424 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(93, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 116, 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(93, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 116, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.8990, -47.2782, -2.5424 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(93, 116, 0) }
```


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

```
.border{ border-color:rgb(93, 116, 0) }
```

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

Here you see how a box with a 4 pixel rgb(93, 116, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 116, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.8990, -47.2782, -2.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 116, 0) }
```

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

```
.background{ background-color: rgb(93, 116,  
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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