

Converting Colors

YUV(94.7580, -23.0517,
20.3832)

Have a look what the booklet for
YUV(94.7580, -23.0517, 20.3832)
contains.

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Color

**YUV(94.7580, -23.0517,
20.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	765C30
RGB	118, 92, 48
RGB Percent	46%, 36%, 19%
CMY	0.5373, 0.6392, 0.8118
CMYK	0.00, 0.22, 0.59, 0.54
HSL	38°, 42%, 33%
HSV	38°, 59%, 46%
XYZ	11.8319, 11.7192, 4.4347
YIQ	94.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

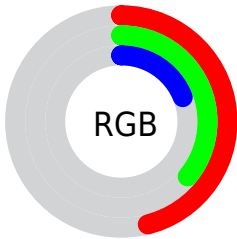
Format	Color
RYB	89, 118, 48
Decimal	7756848
CIELab	40.77, 4.97, 29.06
CIELCh	41, 29.483, 80.289
Yxy	11.7192, 0.4228, 0.4188
Android (android.graphics.Color)	4285946928 (0xFF765C30)
YUV	94.7580, -23.0517, 20.3832
Hunter-Lab	34.2334, 1.7854, 16.2827

Details

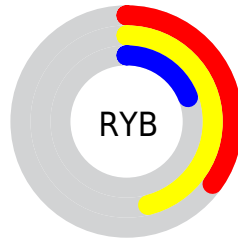
The YUV color **94.7580, -23.0517, 20.3832** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.2420, 23.0517, -20.3832**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6120, -24.9517, 23.1423**, and **47.1490, -22.7515, 17.4093** is the 20% darker color. If you saturate the color by 10%, you get **91.0420, -27.1357, 23.6422**, and if you desaturate by 10%, it is **98.4740, -18.9677, 17.1243**.

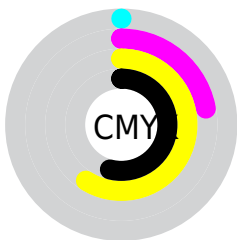
Distribution



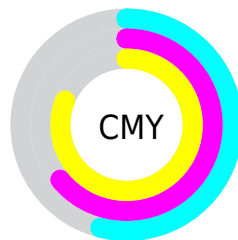
- Red (46%)
- Green (36%)
- Blue (19%)



- Red (35%)
- Yellow (46%)
- Blue (19%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7580, -23.0517, 20.3832 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 94.7580, -23.0517, 20.3832 by changing the saturation by 10% instead.

■ 94.7580, -23.0517,
20.3832

■ 94.7580, -23.0517,
20.3832

■ 255.0000, 0.0000,
0.0000

■ 70.9750, -22.1727,
18.4389

■ 145.6120,
-24.9517, 23.1423

■ 47.1490, -22.7515,
17.4093

■ 172.2100,
-25.2465, 24.3718

■ 28.1190, -13.8627,
13.0506

■ 200.2810,
-26.2675, 25.1866

■ 4.7840, -2.3585,
9.8364

■ 227.4550,
-26.8463, 24.1570

■ 0.0000, 0.0000,
0.0000

■ 247.0830,
-22.7189, 6.9432

■ 252.0360,

-11.3567, 2.5994

■ 94.7580, -23.0517,
20.3832

■ 94.7580, -23.0517,
20.3832

■ 91.0420, -27.1357,
23.6422

■ 98.4740, -18.9677,
17.1243

■ 86.7390, -30.9303,
27.4159

■ 102.7770,
-15.1731, 13.3506

■ 83.1370, -34.5775,
30.5749

■ 106.3790,
-11.5258, 10.1916

■ 78.8340, -38.3722,
34.3486

■ 110.6820, -7.7312,
6.4179

■ 78.7200, -38.8090,
34.4486

■ 114.3980, -3.6472,
3.1590

■ 118.1140, 0.4368,
-0.1000

■ 122.4170, 4.2314,
-3.8737

■ 126.0190, 7.8786,
-7.0327

■ 129.7350, 11.9626,
-10.2916

Harmonies

Analogous

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



95.9260, -17.7115, 34.2679



94.7580, -23.0517, 20.3832



92.8050, -21.1029, 1.9250

Triad

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



94.7580, -23.0517, 20.3832



76.7510, 17.3778, -67.3106



99.3670, 13.6231, 17.2181

Complementary

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



94.7580, -23.0517, 20.3832



71.2420, 23.0517, -20.3832

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.



96.3790, 21.9982, -9.1024



94.7580, -23.0517, 20.3832



77.3840, 27.4187, -67.8658

Square

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



94.7580, -23.0517, 20.3832



81.9850, 2.4724, -46.4678



87.2500, 27.4847, -42.3152



98.1320, 3.3859, 34.0872

Rectangle

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



94.7580, -23.0517, 20.3832



90.6830, -16.1127, -12.0000



87.2500, 27.4847, -42.3152



98.8220, 16.8498, 8.9261

Sweetspot

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



94.7580, -23.0517, 20.3832



143.9380, -9.3364, 7.9474



72.0080, 1.4751, 40.3350



70.9530, -5.3998, 5.3032



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.



94.7580, -23.0517, 20.3832



117.0940, -36.0353, 31.4896



107.6280, -29.3966, 2.0802



56.5550, -1.7526, 2.1443



81.6770, -40.2668, 35.3633



166.9090, -82.2861, 72.8708

Inverse Universe

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



71.2420, 23.0517, -20.3832



80.4930, 35.7460, -32.0044



58.3720, 29.3966, -2.0802



54.8580, 2.0420, -1.6295



40.3230, 40.2668, -35.3633



83.0910, 82.2861, -72.8708

Previews

White Background



This preview shows how the YUV color 94.7580, -23.0517, 20.3832 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 94.7580, -23.0517, 20.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

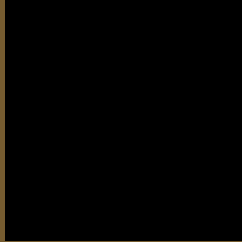
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.7580, -23.0517, 20.3832

Background



This preview shows how black text looks on a background with the YUV color 94.7580, -23.0517, 20.3832.



This preview shows how white text looks on a background with the YUV color 94.7580, -23.0517,

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

94.7580, -23.0517, 20.3832

Protanopia

93.6320, -22.0036, 10.8467

Deuteranopia

95.0570, -23.1991, 20.9980



Tritanopia

98.2630, -2.1017, 20.8173

Trichromacy



Original Color

94.7580, -23.0517, 20.3832

Protanomaly

94.2410, -22.3038, 13.8206

Deuteranomaly

95.0570, -23.1991, 20.9980

Tritanomaly

97.2000, -9.9586, 20.8726

Monochromacy



Original Color

94.7580, -23.0517, 20.3832

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8670, -8.3154, 7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7580, -23.0517, 20.3832 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(118, 92, 48)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 48)  
}
```

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(118, 92, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 48) }
```

Border

The CSS property to change the border of an element to YUV 94.7580, -23.0517, 20.3832 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(118, 92, 48) }
```


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

```
.border{ border-color:rgb(118, 92, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 92, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 48);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 94.7580, -23.0517, 20.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 48) }
```

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

```
.background{ background-color: rgb(118, 92,  
48) }
```

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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