

Converting Colors

YUV(94.1250, -19.7816, -1.8636)

Have a look what the booklet for
YUV(94.1250, -19.7816, -1.8636)
contains.

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Color

**YUV(94.1250, -19.7816,
-1.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6736
RGB	92, 103, 54
RGB Percent	36%, 40%, 21%
CMY	0.6392, 0.5961, 0.7882
CMYK	0.11, 0.00, 0.48, 0.60
HSL	73°, 31%, 31%
HSV	73°, 48%, 40%
XYZ	9.9297, 12.2421, 5.3296
YIQ	94.1250, 9.1730, -17.5710

Conversions

Conversions Part 2

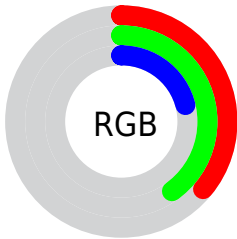
Format	Color
RYB	54, 103, 65
Decimal	6055734
CIELab	41.60, -12.78, 26.15
CIELCh	42, 29.104, 116.049
Yxy	12.2421, 0.3611, 0.4451
Android (android.graphics.Color)	4284245814 (0xFF5C6736)
YUV	94.1250, -19.7816, -1.8636
Hunter-Lab	34.9888, -10.5725, 15.4608

Details

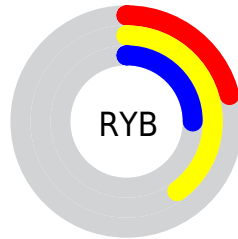
The YUV color **94.1250, -19.7816, -1.8636** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.8750, 19.7816, 1.8636**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7830, -21.0920, -1.5637**, and **47.3530, -18.9080, -2.0636** is the 20% darker color. If you saturate the color by 10%, you get **92.3870, -23.8548, -2.0934**, and if you desaturate by 10%, it is **95.8630, -15.7085, -1.6339**.

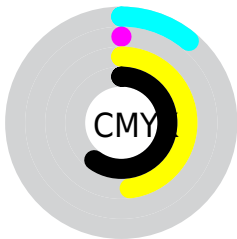
Distribution



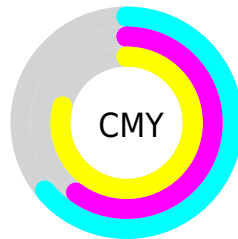
- Red (36%)
- Green (40%)
- Blue (21%)



- Red (21%)
- Yellow (40%)
- Blue (25%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1250, -19.7816, -1.8636 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 94.1250, -19.7816, -1.8636 by changing the saturation by 10% instead.

■ 94.1250, -19.7816,
-1.8636

■ 94.1250, -19.7816,
-1.8636

■ 255.0000, 0.0000,
0.0000

■ 70.3530, -18.9080,
-2.0636

■ 144.7830,
-21.0920, -1.5637

■ 47.3530, -18.9080,
-2.0636

■ 171.5550,
-21.9656, -1.3637

■ 27.4220, -13.5190,
-3.8781

■ 198.7400,
-22.5498, -0.6490

■ 6.4570, -3.1833,
-5.6628

■ 227.2130,
-23.2760, -1.0638

■ 0.0000, 0.0000,
0.0000

■ 249.6420,
-20.5295, 4.6990

■ 252.8340, -8.2992,

1.8996

■ 94.1250, -19.7816,
-1.8636

■ 94.1250, -19.7816,
-1.8636

■ 92.3870, -23.8548,
-2.0934

■ 95.8630, -15.7085,
-1.6339

■ 90.2360, -28.2173,
-2.8380

■ 98.0140, -11.3459,
-0.8893

■ 88.4980, -32.2905,
-3.0677

■ 99.7520, -7.2727,
-0.6595

■ 86.7600, -36.3637,
-3.2975

■ 101.4900, -3.1996,
-0.4297

■ 84.6090, -40.7262,
-4.0421

■ 103.6410, 1.1630,
0.3148

■ 84.3810, -41.5998,
-3.8421

■ 105.3790, 5.2362,
0.5446

■ 107.1170, 9.3093,
0.7744

■ 108.8550, 13.3825,
1.0042

■ 111.0060, 17.7450,
1.7487

Harmonies

Analogous

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



96.7360, -23.0408, 16.8945



94.1250, -19.7816, -1.8636



90.3270, -9.5282, -23.9658

Triad

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



94.1250, -19.7816, -1.8636



78.4270, 28.8765, -68.7805



100.1600, 0.9071, 35.8167

Complementary

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



94.1250, -19.7816, -1.8636



62.8750, 19.7816, 1.8636

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.



100.9330, 11.8650, 21.1068



94.1250, -19.7816, -1.8636



92.6640, 26.2946, -33.9083

Square

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



94.1250, -19.7816, -1.8636



78.0220, 19.7092, -68.4253



99.3690, 20.5241, -2.9546



98.9080, -10.3076, 39.5457

Rectangle

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



94.1250, -19.7816, -1.8636



86.3340, -0.1647, -40.6349



99.3690, 20.5241, -2.9546



100.4630, 4.7017, 32.0429

Sweetspot

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



94.1250, -19.7816, -1.8636



131.6380, -7.7095, -0.5595



75.1080, -10.4062, 24.4613



66.7350, -4.7994, -0.6446



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



94.1250, -19.7816, -1.8636



121.1390, -31.1275, -2.7529



86.9490, -16.2439, -16.6183



50.1310, -2.0366, -0.1149



94.1160, -46.3992, -4.4867



198.2660, -97.7451, -9.0033

Inverse Universe

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



62.8750, 19.7816, 1.8636



71.8610, 31.1275, 2.7529



70.0510, 16.2439, 16.6183



46.8690, 2.0366, 0.1149



20.8840, 46.3992, 4.4867



43.7340, 97.7451, 9.0033

Previews

White Background



This preview shows how the YUV color 94.1250, -19.7816, -1.8636 looks on a white background.

Color Contrast Check

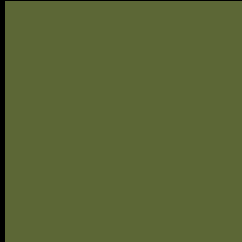
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.1250, -19.7816, -1.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

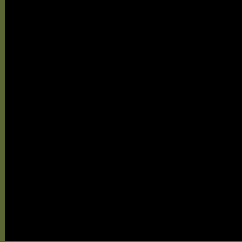
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1250, -19.7816, -1.8636

Background



This preview shows how black text looks on a background with the YUV color 94.1250, -19.7816, -1.8636.



This preview shows how white text looks on a background with the YUV color 94.1250, -19.7816,

-1.8636.

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

94.1250, -19.7816, -1.8636

Protanopia

95.7460, -21.5668, 10.7468

Deuteranopia

96.5560, -19.9941, 19.6834



Tritanopia

98.2110, 3.3470, -0.1850

Trichromacy



Original Color

94.1250, -19.7816, -1.8636

Protanomaly

95.2400, -20.8243, 5.9285

Deuteranomaly

95.8000, -20.1144, 11.5764

Tritanomaly

96.6210, -5.2362, -0.5446

Monochromacy



Original Color

94.1250, -19.7816, -1.8636

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7520, -7.2727, -0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1250, -19.7816, -1.8636 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(92, 103, 54)` looks like.

```
.text, #text, p{  
    color:rgb(92, 103, 54)  
}
```

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(92, 103, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 103, 54) }
```

Border

The CSS property to change the border of an element to YUV 94.1250, -19.7816, -1.8636 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(92, 103, 54) }
```


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

```
.border{ border-color:rgb(92, 103, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 103, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 103, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 103, 54);  
box-shadow:4px 4px 4px 4px rgb(92, 103,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 94.1250, -19.7816, -1.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 103, 54) }
```

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

```
.background{ background-color: rgb(92, 103,  
54) }
```

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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