

Converting Colors

YUV(94.3020, -14.4459,
60.2481)

Have a look what the booklet for
YUV(94.3020, -14.4459, 60.2481)
contains.

YUV(94.3020, -14.4459, 60.2481)	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(94.3020, -14.4459,
60.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	A34141
RGB	163, 65, 65
RGB Percent	64%, 25%, 25%
CMY	0.3608, 0.7451, 0.7451
CMYK	0.00, 0.60, 0.60, 0.36
HSL	0°, 43%, 45%
HSV	0°, 60%, 64%
XYZ	17.9487, 11.9488, 6.3614
YIQ	94.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

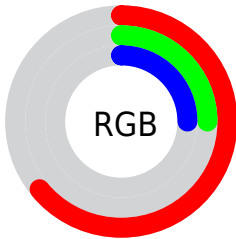
Format	Color
R_{YB}	163, 65, 65
Decimal	10699073
CIE _{Lab}	41.13, 40.59, 20.90
CIE _{LCh}	41, 45.655, 27.247
Yxy	11.9488, 0.4950, 0.3295
Android (android.graphics.Color)	4288889153 (0xFFA34141)
YUV	94.3020, -14.4459, 60.2481
Hunter-Lab	34.5670, 32.1927, 13.2858

Details

The YUV color **94.3020, -14.4459, 60.2481** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **133.6980, 14.4459, -60.2481**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9390, -17.2249, 64.9515**, and **38.8980, -8.3307, 58.8485** is the 20% darker color. If you saturate the color by 10%, you get **83.0860, -16.8044, 70.0846**, and if you desaturate by 10%, it is **105.5180, -12.0874, 50.4117**.

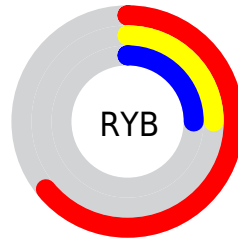
Distribution



Red (64%)

Green (25%)

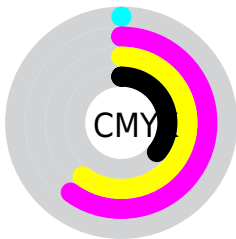
Blue (25%)



Red (64%)

Yellow (25%)

Blue (25%)

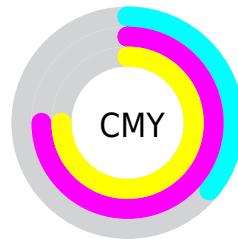


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (36%)



Cyan (36%)


Magenta (75%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.3020, -14.4459, 60.2481 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 94.3020, -14.4459, 60.2481 by changing the saturation by 10% instead.


 94.3020, -14.4459,
60.2481


 94.3020, -14.4459,
60.2481


255.0000, 0.0000,
0.0000


 67.8610, -12.2565,
58.0039


 147.9390,
-17.2249, 64.9515


 38.8980, -8.3307,
58.8485


 175.0210,
-18.2514, 67.5106

 23.3220, -11.4977,
47.9526

 195.4320,
-15.0030, 52.2411

 15.9610, -7.3758,
32.4832

 214.9460,
-11.3124, 35.1274

 1.7940, -0.8844,
3.6887

 234.5740, -7.1850,
17.9136

 0.0000, 0.0000,
0.0000

 254.2020, -3.0576,

0.6998

■ 94.3020, -14.4459,
60.2481

■ 94.3020, -14.4459,
60.2481

■ 83.0860, -16.8044,
70.0846

■ 105.5180,
-12.0874, 50.4117

■ 71.1690, -19.3103,
80.5358

■ 117.4350, -9.5815,
39.9605

■ 59.9530, -21.6688,
90.3722

■ 128.6510, -7.2229,
30.1241

■ 48.7370, -24.0273,
100.2087

■ 139.8670, -4.8644,
20.2876

■ 151.7840, -2.3585,
9.8364

■ 163.0000, 0.0000,
0.0000

■ 174.2160, 2.3585,
-9.8364

■ 185.4320, 4.7170,
-19.6729

■ 197.3490, 7.2229,
-30.1241

Harmonies

Analogous

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



95.8730, 3.0206, 57.9934



94.3020, -14.4459, 60.2481



94.0880, -30.1164, 46.4038

Triad

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



94.3020, -14.4459, 60.2481



79.0870, -12.3679, -46.5573



79.4820, 45.6114, -69.7057

Complementary

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



94.3020, -14.4459, 60.2481



133.6980, 14.4459, -60.2481

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.



83.3970, 37.7653, -73.1392



94.3020, -14.4459, 60.2481



77.4060, 7.1948, -67.8851

Square

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



94.3020, -14.4459, 60.2481



88.7750, -32.4271, -5.9417



81.7380, 23.7932, -71.6842



98.1480, 32.4650, -6.2688

Rectangle

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



94.3020, -14.4459, 60.2481



92.6380, -37.7825, 31.8895



81.7380, 23.7932, -71.6842



81.6020, 43.5802, -71.5650

Sweetspot

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



94.3020, -14.4459, 60.2481



185.3620, -5.6015, 23.3615



105.4740, 28.3603, 50.4503



90.8770, -3.3904, 14.1399



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



94.3020, -14.4459, 60.2481



104.7470, -22.5533, 94.0609



123.0650, -28.6260, 35.0230



75.6910, -1.3267, 5.5330



43.3550, -21.3740, 89.1427



5.3820, -2.6533, 11.0660

Inverse Universe

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



133.6980, 14.4459, -60.2481



166.2530, 22.5533, -94.0609



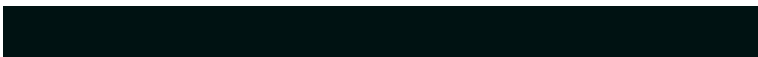
104.9350, 28.6260, -35.0230



79.3090, 1.3267, -5.5330



101.6450, 21.3740, -89.1427



12.6180, 2.6533, -11.0660

Previews

White Background



This preview shows how the YUV color 94.3020, -14.4459, 60.2481 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 94.3020, -14.4459, 60.2481 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 94.3020, -14.4459, 60.2481

Background



This preview shows how black text looks on a background with the YUV color 94.3020, -14.4459, 60.2481.



This preview shows how white text looks on a background with the YUV color 94.3020, -14.4459,

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

94.3020, -14.4459, 60.2481

Protanopia

97.6280, -9.1836, 5.5882

Deuteranopia

96.7130, -18.0995, 18.6687



Tritanopia

94.1710, -12.4093, 60.3630

Trichromacy



Original Color

94.3020, -14.4459, 60.2481

Protanomaly

96.2930, -10.9904, 25.1760

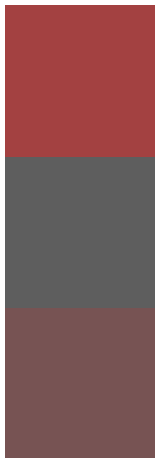
Deuteranomaly

95.8550, -16.6905, 33.4532

Tritanomaly

94.0570, -12.8461, 60.4630

Monochromacy



Original Color

94.3020, -14.4459, 60.2481

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7640, -5.3067, 22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3020, -14.4459, 60.2481 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(163, 65, 65)` looks like.

```
.text, #text, p{  
    color:rgb(163, 65, 65)  
}
```

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(163, 65, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 65, 65) }
```

Border

The CSS property to change the border of an element to YUV 94.3020, -14.4459, 60.2481 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(163, 65, 65) }
```


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

```
.border{ border-color:rgb(163, 65, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 65, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 65, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 65, 65);  
box-shadow:4px 4px 4px 4px rgb(163, 65,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 94.3020, -14.4459, 60.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 65, 65) }
```

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

```
.background{ background-color: rgb(163, 65,  
65) }
```

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