

Converting Colors

YUV(92.7950, -9.2659, -14.7292)

Have a look what the booklet for
YUV(92.7950, -9.2659, -14.7292)
contains.

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Color

**YUV(92.7950, -9.2659,
-14.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	4C694A
RGB	76, 105, 74
RGB Percent	30%, 41%, 29%
CMY	0.7020, 0.5882, 0.7098
CMYK	0.28, 0.00, 0.30, 0.59
HSL	116°, 17%, 35%
HSV	116°, 30%, 41%
XYZ	9.2681, 12.1341, 8.3322
YIQ	92.7950, -7.3330, -15.7890

Conversions

Conversions Part 2

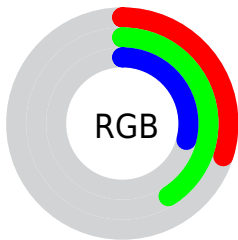
Format	Color
RYB	74, 105, 103
Decimal	5007690
CIELab	41.43, -17.40, 14.10
CIElCh	41, 22.397, 140.971
Yxy	12.1341, 0.3117, 0.4081
Android (android.graphics.Color)	4283197770 (0xFF4C694A)
YUV	92.7950, -9.2659, -14.7292
Hunter-Lab	34.8340, -13.4669, 10.2018

Details

The YUV color $[92.7950, -9.2659, -14.7292]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[86.2050, 9.2659, 14.7292]$, and the grayscale version is $[93.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[143.2680, -9.9921, -15.1440]$, and $[46.4360, -8.1029, -14.4144]$ is the 20% darker color. If you saturate the color by 10%, you get $[88.6650, -12.1598, -19.8772]$, and if you desaturate by 10%, it is $[97.0390, -5.9352, -9.6812]$.

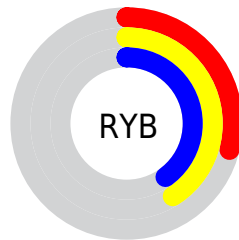
Distribution



Red (30%)

Green (41%)

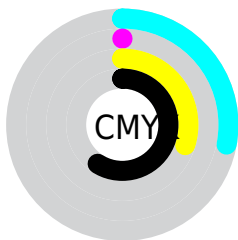
Blue (29%)



Red (29%)

Yellow (41%)

Blue (40%)

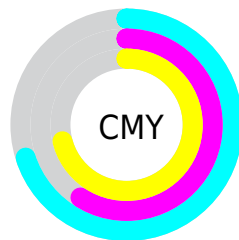


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.7950, -9.2659, -14.7292 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 92.7950, -9.2659, -14.7292 by changing the saturation by 10% instead.

■ 92.7950, -9.2659,
-14.7292

■ 92.7950, -9.2659,
-14.7292

255.0000, 0.0000,
0.0000

■ 69.2080, -8.9765,
-14.2144

■ 143.2680, -9.9921,
-15.1440

■ 46.4360, -8.1029,
-14.4144

■ 169.8550,
-10.2815, -15.6588

■ 24.8060, -9.2714,
-12.9849

■ 197.3280,
-11.0077, -16.0737

■ 5.8700, -2.8939,
-5.1480

■ 225.0290,
-10.8603, -16.6884

■ 0.0000, 0.0000,
0.0000

■ 246.2840, -7.5350,
-9.8961

■ 92.7950, -9.2659,
-14.7292

■ 92.7950, -9.2659,
-14.7292

■ 88.6650, -12.1598,
-19.8772

■ 97.0390, -5.9352,
-9.6812

■ 84.4210, -15.4906,
-24.9252

■ 101.1690, -3.0413,
-4.5332

■ 80.5900, -18.5319,
-29.4584

■ 105.1140, 0.4368,
-0.1000

■ 76.3460, -21.8626,
-34.5064

■ 109.2440, 3.3307,
5.0480

■ 72.2160, -24.7565,
-39.6544

■ 113.4880, 6.6614,
10.0960

■ 67.9720, -28.0872,
-44.7024

■ 117.6180, 9.5553,
15.2440

■ 63.8420, -30.9811,
-49.8504

■ 121.8620, 12.8860,
20.2920

■ 63.7280, -31.4179,

■ 125.9920, 15.7799,

-49.7505

25.4400

■ 129.9370, 19.2581,
29.8733

Harmonies

Analogous

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



95.4720, -16.0087, 1.3401



92.7950, -9.2659, -14.7292



89.3290, 0.8238, -30.9835

Triad

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



92.7950, -9.2659, -14.7292



93.6990, 19.8684, -26.0460



99.0640, -6.9336, 30.6389

Complementary

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



92.7950, -9.2659, -14.7292



86.2050, 9.2659, 14.7292

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.



100.0340, 1.9552, 26.2802



92.7950, -9.2659, -14.7292



98.3210, 16.6037, -5.5435

Square

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



92.7950, -9.2659, -14.7292



88.2470, 18.6122, -43.1896



100.7210, 9.9975, 13.3997



98.2070, -13.9061, 27.0055

Rectangle

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



92.7950, -9.2659, -14.7292



87.2120, 8.2765, -41.4049



100.7210, 9.9975, 13.3997



99.8620, -3.8760, 29.9390

Sweetspot

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



92.7950, -9.2659, -14.7292



132.9300, -3.9095, -6.0776



100.2920, -12.9620, 4.1289



65.9950, -2.4625, -3.5036



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.



92.7950, -9.2659, -14.7292



119.0730, -14.3330, -22.8660



93.6790, -3.2927, -17.2585



51.8210, -1.8838, -2.4740



71.0710, -35.0380, -55.3133



148.5990, -73.2593, -116.2893

Inverse Universe

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



86.2050, 9.2659, 14.7292



108.9270, 14.3330, 22.8660



85.3210, 3.2927, 17.2585



50.1790, 1.8838, 2.4740



46.2280, 34.8906, 55.9280



96.4010, 73.2593, 116.2893

Previews

White Background



This preview shows how the YUV color 92.7950, -9.2659, -14.7292 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 92.7950, -9.2659, -14.7292 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 92.7950, -9.2659, -14.7292

Background



This preview shows how black text looks on a background with the YUV color 92.7950, -9.2659, -14.7292.



This preview shows how white text looks on a background with the YUV color 92.7950, -9.2659,

-14.7292.

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

92.7950, -9.2659, -14.7292

Protanopia

96.4280, -12.5360, 7.5176

Deuteranopia

97.9280, -10.8105, 14.0951



Tritanopia

96.2310, 6.2951, -12.4806

Trichromacy



Original Color

92.7950, -9.2659, -14.7292

Protanomaly

95.0140, -11.3459, -0.8893

Deuteranomaly

95.9760, -10.3412, 3.5290

Tritanomaly

94.7380, 0.6222, -12.9252

Monochromacy



Original Color

92.7950, -9.2659, -14.7292

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7950, -9.2659, -14.7292 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(76, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(76, 105, 74)  
}
```

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(76, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 105, 74) }
```

Border

The CSS property to change the border of an element to YUV 92.7950, -9.2659, -14.7292 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(76, 105, 74) }
```


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

```
.border{ border-color:rgb(76, 105, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 105, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(76, 105,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 92.7950, -9.2659, -14.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 105, 74) }
```

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

```
.background{ background-color: rgb(76, 105,  
74) }
```

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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