

Converting Colors

YUV(94.7960, -34.4094,
-23.5001)

Have a look what the booklet for
YUV(94.7960, -34.4094, -23.5001)
contains.

YUV(94.7960, -34.4094, -23.5001)	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(94.7960, -34.4094,
-23.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	447A19
RGB	68, 122, 25
RGB Percent	27%, 48%, 10%
CMY	0.7333, 0.5216, 0.9020
CMYK	0.44, 0.00, 0.80, 0.52
HSL	93°, 66%, 29%
HSV	93°, 80%, 48%
XYZ	9.5189, 15.2182, 3.3554
YIQ	94.7960, -1.0470, -41.6150

Conversions

Conversions Part 2

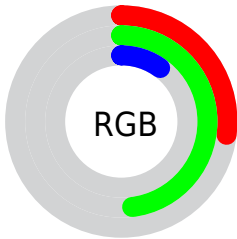
Format	Color
R_{YB}	25, 122, 79
Decimal	4487705
CIE _{Lab}	45.93, -34.75, 44.08
CIE _{LCh}	46, 56.127, 128.255
Yxy	15.2182, 0.3388, 0.5417
Android (android.graphics.Color)	4282677785 (0xFF447A19)
YUV	94.7960, -34.4094, -23.5001
Hunter-Lab	39.0105, -24.7129, 22.2076

Details

The YUV color **94.7960, -34.4094, -23.5001** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **52.2040, 34.4094, 23.5001**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6820, -34.8462, -23.4001**, and **45.8520, -22.6050, -29.6882** is the 20% darker color. If you saturate the color by 10%, you get **91.3350, -38.6192, -26.6038**, and if you desaturate by 10%, it is **98.2570, -30.1997, -20.3964**.

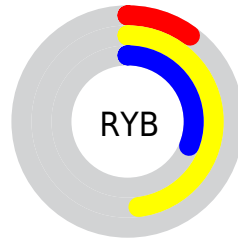
Distribution



Red (27%)

Green (48%)

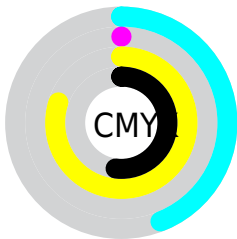
Blue (10%)



Red (10%)

Yellow (48%)

Blue (31%)

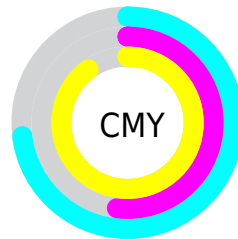


Cyan (44%)

Magenta (0%)

Yellow (80%)

Black (52%)



Cyan (73%)

Magenta (52%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7960, -34.4094, -23.5001 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 94.7960, -34.4094, -23.5001 by changing the saturation by 10% instead.

■ 94.7960, -34.4094,
-23.5001

■ 94.7960, -34.4094,
-23.5001

255.0000, 0.0000,
0.0000

■ 69.1980, -34.1146,
-24.7296

■ 147.6820,
-34.8462, -23.4001

■ 45.8520, -22.6050,
-29.6882

■ 175.0410,
-36.0092, -23.7150

■ 28.7630, -14.1802,
-25.2252

■ 202.9270,
-36.4460, -23.6150

■ 17.0230, -8.3923,
-14.9292

■ 228.3510,
-36.1620, -21.3558

■ 0.0000, 0.0000,
0.0000

■ 240.2140,
-28.2065, -6.3267

■ 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

94.7960, -34.4094,
-23.5001

94.7960, -34.4094,
-23.5001

91.3350, -38.6192,
-26.6038

98.2570, -30.1997,
-20.3964

87.8740, -42.8289,
-29.7075

101.7180,
-25.9900, -17.2927

87.7600, -43.2657,
-29.6075

104.9940,
-21.1960, -14.9037

108.4550,
-16.9863, -11.8000

111.9160,
-12.7766, -8.6963

■ 115.3770, -8.5669,
-5.5926

■ 118.8380, -4.3571,
-2.4889

■ 122.1140, 0.4368,
-0.1000

■ 125.5750, 4.6465,
3.0037

Harmonies

Analogous

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



100.7380, -49.6638, 16.0158



94.7960, -34.4094, -23.5001



83.3440, -5.5926, -73.0927

Triad

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



94.7960, -34.4094, -23.5001



94.5450, 50.0173, -82.9160



103.2130, -2.5700, 77.8662

Complementary

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



94.7960, -34.4094, -23.5001



52.2040, 34.4094, 23.5001

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.



108.4720, 18.0083, 57.4681



94.7960, -34.4094, -23.5001



87.5980, 56.4002, -76.8234

Square

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



94.7960, -34.4094, -23.5001



94.6470, 35.1770, -83.0054



111.3660, 35.3156, 12.8340



103.9090, -25.0981, 70.2398

Rectangle

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



94.7960, -34.4094, -23.5001



88.1660, 7.8062, -77.3216



111.3660, 35.3156, 12.8340



104.1400, 4.8610, 74.4222

Sweetspot

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



94.7960, -34.4094, -23.5001



147.3890, -13.5028, -9.1112



85.1140, -29.6362, 32.3490



72.4910, -8.1301, -5.6926



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.7960, -34.4094, -23.5001



115.7840, -53.1375, -36.6446



82.5090, -25.8869, -50.4354



59.4190, -2.1786, -1.2445



89.8200, -44.2813, -30.5371



181.4120, -89.4361, -60.8743

Inverse Universe

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



52.2040, 34.4094, 23.5001



50.2160, 53.1375, 36.6446



64.4910, 25.8869, 50.4354



56.5810, 2.1786, 1.2445



35.1800, 44.2813, 30.5371



70.8870, 89.2887, 61.4891

Previews

White Background



This preview shows how the YUV color 94.7960, -34.4094, -23.5001 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 94.7960, -34.4094, -23.5001 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 94.7960, -34.4094, -23.5001

Background



This preview shows how black text looks on a background with the YUV color 94.7960, -34.4094, -23.5001.



This preview shows how white text looks on a background with the YUV color 94.7960, -34.4094, -23.5001.

-23.5001.

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

94.7960, -34.4094, -23.5001

Protanopia

102.9690, -39.9177, 16.6902

Deuteranopia

105.0010, -35.0035, 27.1861



Tritanopia

105.4580, 8.6482, -20.5727

Trichromacy



Original Color

94.7960, -34.4094, -23.5001

Protanomaly

100.0380, -37.9797, 1.7207

Deuteranomaly

101.2930, -34.6544, 8.5130

Tritanomaly

101.6200, -7.2077, -21.5917

Monochromacy



Original Color

94.7960, -34.4094, -23.5001

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0300, -12.3398, -8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7960, -34.4094, -23.5001 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(68, 122, 25)` looks like.

```
.text, #text, p{  
    color:rgb(68, 122, 25)  
}
```

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(68, 122, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 122, 25) }
```

Border

The CSS property to change the border of an element to YUV 94.7960, -34.4094, -23.5001 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(68, 122, 25) }
```


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

```
.border{ border-color:rgb(68, 122, 25) }
```

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

Here you see how a box with a 4 pixel rgb(68, 122, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 122, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 122, 25);  
box-shadow:4px 4px 4px 4px rgb(68, 122,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 94.7960, -34.4094, -23.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 122, 25) }
```

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

```
.background{ background-color: rgb(68, 122,  
25) }
```

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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