

Converting Colors

YUV(94.9900, -25.1381,
-10.5152)

Have a look what the booklet for
YUV(94.9900, -25.1381, -10.5152)
contains.

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Color

**YUV(94.9900, -25.1381,
-10.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	536F2C
RGB	83, 111, 44
RGB Percent	33%, 44%, 17%
CMY	0.6745, 0.5647, 0.8275
CMYK	0.25, 0.00, 0.60, 0.56
HSL	85°, 43%, 30%
HSV	85°, 60%, 44%
XYZ	9.7063, 13.3897, 4.4558
YIQ	94.9900, 4.8190, -26.7730

Conversions

Conversions Part 2

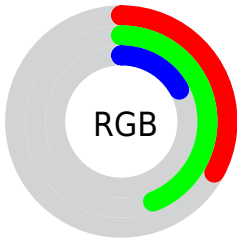
Format	Color
R_{YB}	44, 111, 72
Decimal	5467948
CIE Lab	43.34, -22.09, 33.40
CIE LCh	43, 40.040, 123.478
Yxy	13.3897, 0.3523, 0.4860
Android (android.graphics.Color)	4283658028 (0xFF536F2C)
YUV	94.9900, -25.1381, -10.5152
Hunter-Lab	36.5920, -16.6873, 18.3947

Details

The YUV color **94.9900, -25.1381, -10.5152** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60.0100, 25.1381, 10.5152**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2350, -26.7379, -10.7301**, and **47.4460, -23.3909, -10.9151** is the 20% darker color. If you saturate the color by 10%, you get **92.2410, -29.2058, -12.4894**, and if you desaturate by 10%, it is **97.7390, -21.0703, -8.5411**.

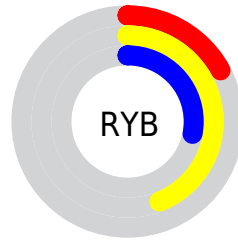
Distribution



Red (33%)

Green (44%)

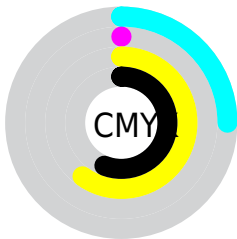
Blue (17%)



Red (17%)

Yellow (44%)

Blue (28%)

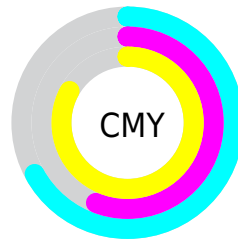


Cyan (25%)

Magenta (0%)

Yellow (60%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9900, -25.1381, -10.5152 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 94.9900, -25.1381, -10.5152 by changing the saturation by 10% instead.

■ 94.9900, -25.1381,
-10.5152

■ 94.9900, -25.1381,
-10.5152

■ 255.0000, 0.0000,
0.0000

■ 70.1040, -24.7013,
-10.6152

■ 146.2350,
-26.7379, -10.7301

■ 47.4460, -23.3909,
-10.9151

■ 173.1210,
-27.1747, -10.6301

■ 27.0570, -13.3391,
-14.9590

■ 200.8930,
-28.0482, -10.4302

■ 11.7400, -5.7878,
-10.2960

■ 228.6650,
-28.9218, -10.2302

■ 0.0000, 0.0000,
0.0000

■ 245.8110,
-23.5708, 0.1658

■ 251.6940,

-12.6671, 2.8994

■ 94.9900, -25.1381,
-10.5152

■ 94.9900, -25.1381,
-10.5152

■ 92.2410, -29.2058,
-12.4894

■ 97.7390, -21.0703,
-8.5411

■ 89.7910, -33.4210,
-13.8487

■ 100.1890,
-16.8552, -7.1818

■ 87.0420, -37.4887,
-15.8228

■ 102.9380,
-12.7874, -5.2076

■ 84.5920, -41.7039,
-17.1822

■ 105.6870, -8.7197,
-3.2335

■ 108.2510, -4.0677,
-1.9741

■ 111.0000, 0.0000,
0.0000

■ 113.4500, 4.2151,
1.3593

■ 116.1990, 8.2829,
3.3335

■ 118.9480, 12.3506,
5.3076

Harmonies

Analogous

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



98.5050, -32.7870, 16.2201



94.9900, -25.1381, -10.5152



86.0530, -7.4211, -46.5275

Triad

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



94.9900, -25.1381, -10.5152



85.2720, 37.3339, -74.7835



102.9880, -1.4731, 52.6305

Complementary

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



94.9900, -25.1381, -10.5152



60.0100, 25.1381, 10.5152

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.



105.1890, 13.7108, 35.7912



94.9900, -25.1381, -10.5152



93.4590, 37.2417, -45.1295

Square

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



94.9900, -25.1381, -10.5152



84.9980, 26.1300, -74.5432



104.6070, 26.3227, 3.8527



101.6770, -16.6028, 52.0263

Rectangle

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



94.9900, -25.1381, -10.5152



79.9820, 6.9109, -70.1442



104.6070, 26.3227, 3.8527



103.6330, 3.6319, 48.5569

Sweetspot

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



94.9900, -25.1381, -10.5152



138.7470, -9.7353, -4.1631



80.4690, -17.9792, 26.7757



70.0830, -5.9569, -2.7038



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



94.9900, -25.1381, -10.5152



120.2870, -39.0885, -16.0377



85.1230, -20.2736, -30.8029



54.7180, -2.3260, -0.6297



91.3700, -45.0454, -18.7415



188.0450, -92.7062, -38.6275

Inverse Universe

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



60.0100, 25.1381, 10.5152



65.7130, 39.0885, 16.0377



69.8770, 20.2736, 30.8029



51.5810, 2.1786, 1.2445



28.6300, 45.0454, 18.7415



58.9550, 92.7062, 38.6275

Previews

White Background



This preview shows how the YUV color 94.9900, -25.1381, -10.5152 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 94.9900, -25.1381, -10.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

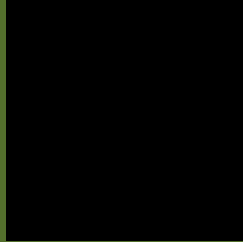
Any Text WCAG AA × Fail

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 94.9900, -25.1381, -10.5152 Background



This preview shows how black text looks on a background with the YUV color 94.9900, -25.1381, -10.5152.



This preview shows how white text looks on a background with the YUV color 94.9900, -25.1381,

-10.5152.

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

94.9900, -25.1381, -10.5152

Protanopia

98.6340, -28.4136, 13.4760

Deuteranopia

100.0850, -25.6779, 22.7275



Tritanopia

101.3240, 5.2633, -8.1771

Trichromacy



Original Color

94.9900, -25.1381, -10.5152

Protanomaly

97.2200, -27.2235, 5.0691

Deuteranomaly

98.1220, -25.2031, 10.4170

Tritanomaly

99.3380, -6.0826, -9.0664

Monochromacy



Original Color

94.9900, -25.1381, -10.5152

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1600, -9.4459, -3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9900, -25.1381, -10.5152 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(83, 111, 44)` looks like.

```
.text, #text, p{  
    color:rgb(83, 111, 44)  
}
```

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(83, 111, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 111, 44) }
```

Border

The CSS property to change the border of an element to YUV 94.9900, -25.1381, -10.5152 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(83, 111, 44) }
```


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

```
.border{ border-color:rgb(83, 111, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 111, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 111, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 111, 44);  
box-shadow:4px 4px 4px 4px rgb(83, 111,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 94.9900, -25.1381, -10.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 111, 44) }
```

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

```
.background{ background-color: rgb(83, 111,  
44) }
```

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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