

Converting Colors

YUV(97.5550, -25.4166,
-14.5187)

Have a look what the booklet for
YUV(97.5550, -25.4166, -14.5187)
contains.

YUV(97.5550, -25.4166, -14.5187)	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(97.5550, -25.4166,
-14.5187)**

Conversions

Conversions Part 1

Format	Color
Hex	51742E
RGB	81, 116, 46
RGB Percent	32%, 45%, 18%
CMY	0.6824, 0.5451, 0.8196
CMYK	0.30, 0.00, 0.60, 0.55
HSL	90°, 43%, 32%
HSV	90°, 60%, 45%
XYZ	10.1319, 14.4374, 4.8375
YIQ	97.5550, 1.6100, -29.1900

Conversions

Conversions Part 2

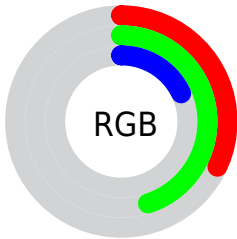
Format	Color
RYB	46, 116, 81
Decimal	5338158
CIELab	44.85, -25.22, 34.09
CIElCh	45, 42.404, 126.504
Yxy	14.4374, 0.3445, 0.4910
Android (android.graphics.Color)	4283528238 (0xFF51742E)
YUV	97.5550, -25.4166, -14.5187
Hunter-Lab	37.9965, -18.8965, 19.0492

Details

The YUV color **97.5550, -25.4166, -14.5187** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **64.4450, 25.4166, 14.5187**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2130, -26.7270, -14.2188**, and **48.8970, -24.1062, -14.8187** is the 20% darker color. If you saturate the color by 10%, you get **94.3930, -29.7737, -17.0077**, and if you desaturate by 10%, it is **100.7170, -21.0595, -12.0298**.

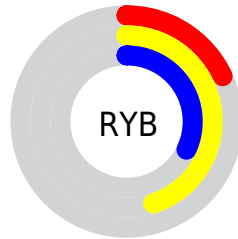
Distribution



Red (32%)

Green (45%)

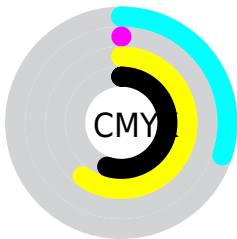
Blue (18%)



Red (18%)

Yellow (45%)

Blue (32%)

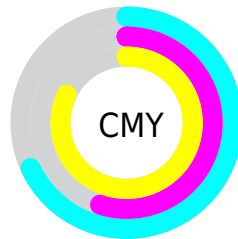


Cyan (30%)

Magenta (0%)

Yellow (60%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5550, -25.4166, -14.5187 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 97.5550, -25.4166, -14.5187 by changing the saturation by 10% instead.

■ 97.5550, -25.4166,
-14.5187

■ 97.5550, -25.4166,
-14.5187

255.0000, 0.0000,
0.0000

■ 72.6690, -24.9798,
-14.6187

■ 149.2130,
-26.7270, -14.2188

■ 48.8970, -24.1062,
-14.8187

■ 176.2730,
-27.7426, -15.1484

■ 28.2090, -13.9070,
-19.4773

■ 204.0450,
-28.6162, -14.9485

■ 15.2620, -7.5242,
-13.3848

■ 231.9310,
-29.0530, -14.8485

■ 0.0000, 0.0000,
0.0000

■ 245.5550,
-21.9656, -1.3637

■ 252.0360,

-11.3567, 2.5994

■ 97.5550, -25.4166,
-14.5187

■ 97.5550, -25.4166,
-14.5187

■ 94.3930, -29.7737,
-17.0077

■ 100.7170,
-21.0595, -12.0298

■ 91.3450, -33.6941,
-19.5966

■ 103.7650,
-17.1391, -9.4409

■ 88.4820, -38.1986,
-21.4707

■ 106.6280,
-12.6346, -7.5668

■ 85.4340, -42.1190,
-24.0596

■ 109.6760, -8.7143,
-4.9779

■ 112.8380, -4.3571,
-2.4889

■ 116.0000, 0.0000,
0.0000

■ 119.0480, 3.9203,
2.5889

■ 121.9110, 8.4249,
4.4631

■ 124.9590, 12.3452,
7.0520

Harmonies

Analogous

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



101.6250, -34.8181, 14.3609



97.5550, -25.4166, -14.5187



85.4860, -4.1836, -58.3082

Triad

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



97.5550, -25.4166, -14.5187



88.1730, 40.8337, -77.3277



105.9670, -2.9417, 57.0339

Complementary

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



97.5550, -25.4166, -14.5187



64.4450, 25.4166, 14.5187

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.



108.6950, 12.9684, 40.6095



97.5550, -25.4166, -14.5187



97.8230, 38.5413, -41.9408

Square

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



97.5550, -25.4166, -14.5187



88.3720, 28.9036, -77.5022



109.0420, 26.6013, 7.8562



105.0040, -19.2290, 54.3705

Rectangle

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



97.5550, -25.4166, -14.5187



83.7150, 8.5215, -73.4181



109.0420, 26.6013, 7.8562



107.0250, 2.4527, 53.4751

Sweetspot

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



97.5550, -25.4166, -14.5187



143.0350, -9.8773, -5.2927



87.4750, -20.4472, 25.0164



72.3710, -6.0989, -3.8334



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.5550, -25.4166, -14.5187



121.5420, -39.2142, -22.4003



87.0900, -20.2574, -36.0359



57.4190, -2.1786, -1.2445



89.8530, -44.2975, -25.3041



184.1250, -90.7736, -51.8526

Inverse Universe

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



64.4450, 25.4166, 14.5187



70.4580, 39.2142, 22.4003



74.9100, 20.2574, 36.0359



54.5810, 2.1786, 1.2445



32.1470, 44.2975, 25.3041



65.8750, 90.7736, 51.8526

Previews

White Background



This preview shows how the YUV color 97.5550, -25.4166, -14.5187 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 97.5550, -25.4166, -14.5187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

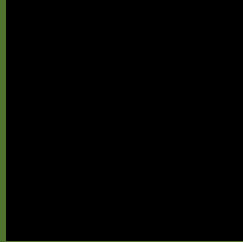
Any Text WCAG AA × Fail

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 97.5550, -25.4166, -14.5187 Background



This preview shows how black text looks on a background with the YUV color 97.5550, -25.4166, -14.5187.



This preview shows how white text looks on a background with the YUV color 97.5550, -25.4166, -14.5187.

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

97.5550, -25.4166, -14.5187

Protanopia

102.4060, -29.2872, 13.6759

Deuteranopia

104.1560, -26.6989, 23.5422



Tritanopia

104.5300, 6.1477, -11.8658

Trichromacy



Original Color

97.5550, -25.4166, -14.5187

Protanomaly

100.9810, -28.0916, 3.5247

Deuteranomaly

101.5950, -25.9293, 10.0022

Tritanomaly

102.1310, -5.4876, -13.2699

Monochromacy



Original Color

97.5550, -25.4166, -14.5187

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5550, -25.4166, -14.5187 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(81, 116, 46)` looks like.

```
.text, #text, p{  
    color:rgb(81, 116, 46)  
}
```

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(81, 116, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 116, 46) }
```

Border

The CSS property to change the border of an element to YUV 97.5550, -25.4166, -14.5187 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(81, 116, 46) }
```


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

```
.border{ border-color:rgb(81, 116, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 116, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 116, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 116, 46);  
box-shadow:4px 4px 4px 4px rgb(81, 116,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 97.5550, -25.4166, -14.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 116, 46) }
```

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

```
.background{ background-color: rgb(81, 116,  
46) }
```

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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