

Converting Colors

YUV(122.5540, 33.2509,
-25.0419)

Have a look what the booklet for
YUV(122.5540, 33.2509, -25.0419)
contains.

YUV(122.5540, 33.2509, -25.0419)	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(122.5540, 33.2509,
-25.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7CBE
RGB	94, 124, 190
RGB Percent	37%, 49%, 75%
CMY	0.6314, 0.5137, 0.2549
CMYK	0.51, 0.35, 0.00, 0.25
HSL	221°, 42%, 56%
HSV	221°, 51%, 75%
XYZ	21.1180, 20.5127, 51.5615
YIQ	122.5540, -39.0660, 14.1660

Conversions

Conversions Part 2

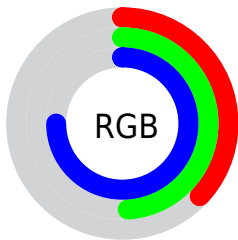
Format	Color
R_{YB}	94, 117, 190
Decimal	6192318
CIE _{Lab}	52.41, 7.96, -37.94
CIE _{LCh}	52, 38.764, 281.846
Yxy	20.5127, 0.2266, 0.2201
Android (android.graphics.Color)	4284382398 (0xFF5E7CBE)
YUV	122.5540, 33.2509, -25.0419
Hunter-Lab	45.2909, 3.9708, -35.7951

Details

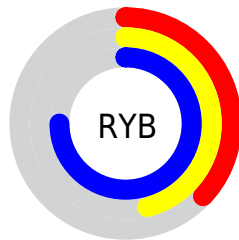
The YUV color **122.5540, 33.2509, -25.0419** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **161.4460, -33.2509, 25.0419**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0210, 34.9926, -23.6974**, and **70.8800, 32.1042, -30.5898** is the 20% darker color. If you saturate the color by 10%, you get **109.2420, 39.8137, -30.0302**, and if you desaturate by 10%, it is **135.8660, 26.6881, -20.0535**.

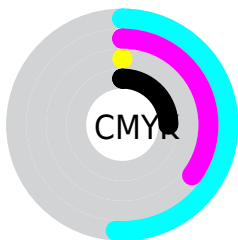
Distribution



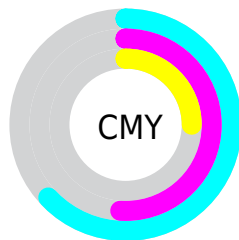
- Red (37%)
- Green (49%)
- Blue (75%)



- Red (37%)
- Yellow (46%)
- Blue (75%)



- Cyan (51%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5540, 33.2509, -25.0419 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 122.5540, 33.2509, -25.0419 by changing the saturation by 10% instead.

■ 122.5540, 33.2509,
-25.0419

■ 122.5540, 33.2509,
-25.0419

■ 255.0000, 0.0000,
0.0000

■ 96.4290, 32.8195,
-26.6862

■ 176.0210, 34.9926,
-23.6974

■ 70.8800, 32.1042,
-30.5898

■ 202.0400, 26.1093,
-21.0831

■ 43.6510, 32.7101,
-38.2819

■ 226.8480, 13.8789,
-18.2837

■ 29.1750, 28.0147,
-25.5865

■ 249.0200, 2.9481,
-12.2955

■ 11.7640, 24.7663,
-10.3170

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 122.5540, 33.2509,
-25.0419

■ 122.5540, 33.2509,
-25.0419

■ 109.2420, 39.8137,
-30.0302

■ 135.8660, 26.6881,
-20.0535

■ 95.9300, 46.3765,
-35.0186

■ 149.1780, 20.1252,
-15.0651

■ 82.6180, 52.9393,
-40.0070

■ 162.4900, 13.5624,
-10.0767

■ 69.3060, 59.5021,
-44.9954

■ 175.8020, 6.9996,
-5.0884

■ 56.2930, 65.9176,
-49.3690

■ 189.1140, 0.4368,
-0.1000

■ 202.4260, -6.1260,
4.8884

■ 215.7380,
-12.6888, 9.8768

■ 229.6370,
-19.5410, 14.3504

■ 239.9590,
-24.6298, 13.1910

Harmonies

Analogous

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



100.0900, 43.3396, -87.7789



122.5540, 33.2509, -25.0419



128.4620, 22.9432, 14.5038

Triad

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



122.5540, 33.2509, -25.0419



124.8140, -21.1073, 50.1521



108.2630, -2.5947, -54.6047

Complementary

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



122.5540, 33.2509, -25.0419



161.4460, -33.2509, 25.0419

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.



116.9720, -21.1852, -18.3924



122.5540, 33.2509, -25.0419



123.4840, -30.8046, 33.7785

Square

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



122.5540, 33.2509, -25.0419



126.0330, -6.4253, 54.3451



120.6290, -30.8761, 9.9724



99.0860, 19.1846, -86.8984

Rectangle

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



122.5540, 33.2509, -25.0419



128.5910, 14.0056, 34.5617



120.6290, -30.8761, 9.9724



111.8150, -9.7688, -40.1798

Sweetspot

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



122.5540, 33.2509, -25.0419



221.2620, 12.6888, -9.8768



157.8760, 1.0471, -56.0193



108.7310, 8.0206, -5.9031



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



122.5540, 33.2509, -25.0419



141.3900, 52.0657, -39.8070



110.3260, 39.2793, 1.4681



87.7870, 3.0630, -2.4442



46.7750, 54.8339, -41.0217



9.4040, 10.6468, -8.2473

Inverse Universe

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



126.1240, -1.0471, 56.0193



146.6210, -1.2922, 88.0324



173.6740, -39.2793, -1.4681



88.0330, -0.0163, 5.2331



52.8280, -1.8872, 92.2358



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 122.5540, 33.2509, -25.0419 looks on a white background.

Color Contrast Check

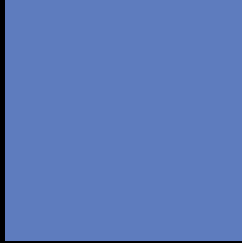
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.5540, 33.2509, -25.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

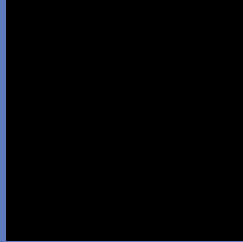
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

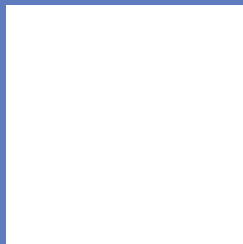
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.5540, 33.2509, -25.0419

Background



This preview shows how black text looks on a background with the YUV color 122.5540, 33.2509, -25.0419.

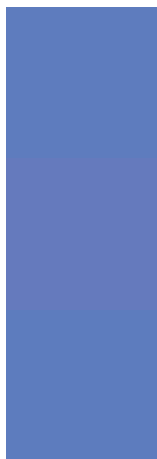


This preview shows how white text looks on a background with the YUV color 122.5540, 33.2509, -25.0419.

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

122.5540, 33.2509, -25.0419

Protanopia

123.3590, 32.3610, -19.6088

Deuteranopia

122.2550, 33.3983, -25.6566



Tritanopia

118.1080, 12.7648, -34.2977

Trichromacy



Original Color

122.5540, 33.2509, -25.0419

Protanomaly

123.0490, 32.5138, -21.9680

Deuteranomaly

122.2550, 33.3983, -25.6566

Tritanomaly

119.7800, 20.3215, -31.3791

Monochromacy



Original Color

122.5540, 33.2509, -25.0419

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.4470, 12.1046, -9.1620

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5540, 33.2509, -25.0419 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(94, 124, 190)` looks like.

```
.text, #text, p{  
    color:rgb(94, 124, 190)  
}
```

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(94, 124, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 124, 190) }
```

Border

The CSS property to change the border of an element to YUV 122.5540, 33.2509, -25.0419 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(94, 124, 190) }
```


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

```
.border{ border-color:rgb(94, 124, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 124, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 124, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 124, 190);  
box-shadow:4px 4px 4px 4px rgb(94, 124,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 122.5540, 33.2509, -25.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 124, 190) }
```

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

```
.background{ background-color: rgb(94, 124,  
190) }
```

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