

Converting Colors

YUV(125.0540, -31.5786,
95.5456)

Have a look what the booklet for
YUV(125.0540, -31.5786, 95.5456)
contains.

YUV(125.0540, -31.5786, 95.5456)	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(125.0540, -31.5786,
95.5456)**

Conversions

Conversions Part 1

Format	Color
Hex	EA523D
RGB	234, 82, 61
RGB Percent	92%, 32%, 24%
CMY	0.0824, 0.6784, 0.7608
CMYK	0.00, 0.65, 0.74, 0.08
HSL	7°, 80%, 58%
HSV	7°, 74%, 92%
XYZ	37.7913, 23.8639, 7.0293
YIQ	125.0540, 97.3330, 25.6930

Conversions

Conversions Part 2

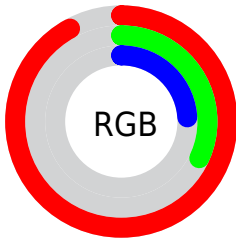
Format	Color
R_{YB}	234, 85, 61
Decimal	15356477
CIE _{Lab}	55.95, 57.53, 43.82
CIE _{LCh}	56, 72.321, 37.297
Yxy	23.8639, 0.5502, 0.3474
Android (android.graphics.Color)	4293546557 (0xFFEA523D)
YUV	125.0540, -31.5786, 95.5456
Hunter-Lab	48.8507, 52.6002, 25.6641

Details

The YUV color **125.0540, -31.5786, 95.5456** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **169.9460, 31.5786, -95.5456**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7910, -29.4770, 74.7283**, and **61.6440, -22.9955, 95.9052** is the 20% darker color. If you saturate the color by 10%, you get **110.1050, -35.5478, 108.6559**, and if you desaturate by 10%, it is **140.0030, -27.6095, 82.4354**.

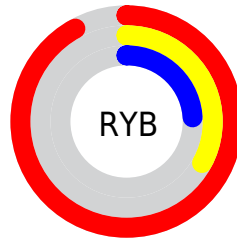
Distribution



Red (92%)

Green (32%)

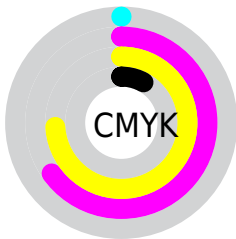
Blue (24%)



Red (92%)

Yellow (33%)

Blue (24%)

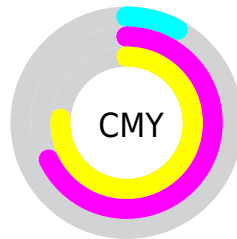


Cyan (0%)

Magenta (65%)

Yellow (74%)

Black (8%)



Cyan (8%)

Magenta (68%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.0540, -31.5786, 95.5456 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 125.0540, -31.5786, 95.5456 by changing the saturation by 10% instead.


 125.0540,
-31.5786, 95.5456

 125.0540,
-31.5786, 95.5456


255.0000, 0.0000,
0.0000

 95.8410, -28.5156,
93.1014


 169.7910,
-29.4770, 74.7283


 61.6440, -22.9955,
95.9052


 189.0770,
-26.6600, 57.8145

 41.8600, -20.6370,
86.0688


 209.1780,
-23.2588, 40.1859

 32.2920, -15.9200,
66.3959

 229.2790,
-19.8575, 22.5573

 23.3220, -11.4977,
47.9526

 249.4940,
-16.0195, 4.8288

 15.1780, -6.4968,
30.5389

 253.9740, -3.9312,

 0.0000, 0.0000,

0.8998

0.0000

■ 125.0540,
-31.5786, 95.5456

■ 125.0540,
-31.5786, 95.5456

■ 110.1050,
-35.5478, 108.6559

■ 140.0030,
-27.6095, 82.4354

■ 95.6290, -40.2431,
121.3514

■ 154.4790,
-22.9141, 69.7399

■ 86.4020, -42.5962,
129.4434

■ 169.4280,
-18.9450, 56.6296

■ 183.9040,
-14.2497, 43.9342

■ 198.8530,
-10.2805, 30.8239

■ 213.2150, -6.0220,
18.2284

■ 228.2780, -1.6161,
5.0182

■ 242.6400, 2.6425,
-7.5773

■ 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



122.6710, -0.3308, 106.4055



125.0540, -31.5786, 95.5456



125.8320, -62.0352, 64.1683

Triad

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



125.0540, -31.5786, 95.5456



102.6810, -10.1957, -90.0512



109.4890, 71.7369, -96.0219

Complementary

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



125.0540, -31.5786, 95.5456



169.9460, 31.5786, -95.5456

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.



118.8980, 64.6333, -104.2735



125.0540, -31.5786, 95.5456



111.9660, 17.7648, -98.1942

Square

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



125.0540, -31.5786, 95.5456



112.8280, -53.1592, -29.6672



118.3330, 44.6988, -103.7780



137.1070, 48.2612, 13.9382

Rectangle

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



125.0540, -31.5786, 95.5456



125.3570, -61.8010, 35.6439



118.3330, 44.6988, -103.7780



113.5980, 69.7112, -99.6254

Sweetspot

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



125.0540, -31.5786, 95.5456



219.8530, -10.2805, 30.8239



130.1690, 41.3287, 91.0598



106.5140, -6.1694, 18.8432



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



125.0540, -31.5786, 95.5456



112.3090, -41.5643, 125.1400



175.5360, -56.4662, 51.2729



109.8760, -1.9109, 6.2477



67.0330, -33.0473, 99.9491



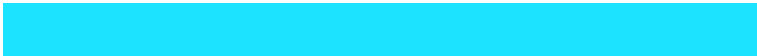
20.2550, -9.9857, 29.5944

Inverse Universe

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



169.9460, 31.5786, -95.5456



170.6910, 41.5643, -125.1400



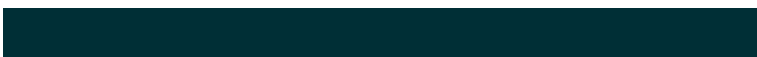
119.4640, 56.4662, -51.2729



113.1240, 1.9109, -6.2477



113.9670, 33.0473, -99.9491



33.7450, 9.9857, -29.5944

Previews

White Background



This preview shows how the YUV color 125.0540, -31.5786, 95.5456 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 125.0540, -31.5786, 95.5456 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 125.0540, -31.5786, 95.5456

Background



This preview shows how black text looks on a background with the YUV color 125.0540, -31.5786, 95.5456.



This preview shows how white text looks on a background with the YUV color 125.0540, -31.5786, 95.5456.

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

125.0540, -31.5786, 95.5456

Protanopia

132.3890, -26.8138, 13.6908

Deuteranopia

131.1820, -39.5297, 32.2894



Tritanopia

126.1000, -21.2483, 95.5053

Trichromacy



Original Color

125.0540, -31.5786, 95.5456

Protanomaly

129.8210, -28.5058, 43.1300

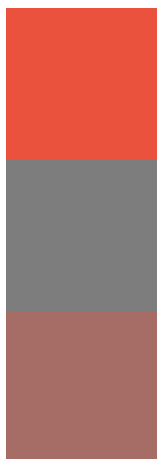
Deuteranomaly

128.8350, -36.4007, 55.3957

Tritanomaly

125.7750, -25.0321, 95.7903

Monochromacy



Original Color

125.0540, -31.5786, 95.5456

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9460, -11.3124, 35.1274

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.0540, -31.5786, 95.5456 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(234, 82, 61)` looks like.

```
.text, #text, p{  
    color:rgb(234, 82, 61)  
}
```

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(234, 82, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 82, 61) }
```

Border

The CSS property to change the border of an element to YUV 125.0540, -31.5786, 95.5456 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(234, 82, 61) }
```


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

```
.border{ border-color:rgb(234, 82, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 82, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 82, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 82, 61);  
box-shadow:4px 4px 4px 4px rgb(234, 82,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 125.0540, -31.5786, 95.5456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 82, 61) }
```

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

```
.background{ background-color: rgb(234, 82,  
61) }
```

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