

Converting Colors

YUV(162.2410, -25.2618,
76.0876)

Have a look what the booklet for
YUV(162.2410, -25.2618, 76.0876)
contains.

YUV(162.2410, -25.2618, 76.0876)	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(162.2410, -25.2618,
76.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	F9806F
RGB	249, 128, 111
RGB Percent	98%, 50%, 44%
CMY	0.0235, 0.4980, 0.5647
CMYK	0.00, 0.49, 0.55, 0.02
HSL	7°, 92%, 71%
HSV	7°, 55%, 98%
XYZ	49.6553, 36.7258, 19.5106
YIQ	162.2410, 77.5730, 20.3650

Conversions

Conversions Part 2

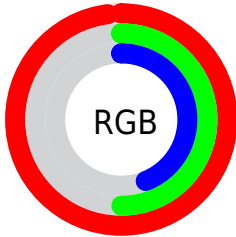
Format	Color
R_{YB}	249, 130, 111
Decimal	16351343
CIE _{Lab}	67.07, 44.63, 30.47
CIE _{LCh}	67, 54.043, 34.321
Yxy	36.7258, 0.4689, 0.3468
Android (android.graphics.Color)	4294541423 (0xFFFF9806F)
YUV	162.2410, -25.2618, 76.0876
Hunter-Lab	60.6018, 40.2045, 23.3330

Details

The YUV color **162.2410, -25.2618, 76.0876** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **197.7590, 25.2618, -76.0876**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2480, -19.3493, 46.2635**, and **107.4190, -21.8986, 70.6695** is the 20% darker color. If you saturate the color by 10%, you get **146.4770, -29.8152, 89.9127**, and if you desaturate by 10%, it is **178.0050, -20.7085, 62.2626**.

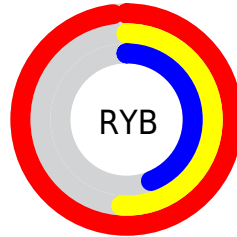
Distribution



Red (98%)

Green (50%)

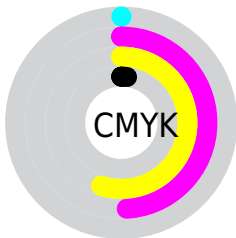
Blue (44%)



Red (98%)

Yellow (51%)

Blue (44%)

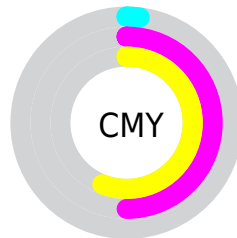


Cyan (0%)

Magenta (49%)

Yellow (55%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2410, -25.2618, 76.0876 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 162.2410, -25.2618, 76.0876 by changing the saturation by 10% instead.

162.2410,
-25.2618, 76.0876

162.2410,
-25.2618, 76.0876

255.0000, 0.0000,
0.0000

134.2730,
-23.7986, 73.4286

202.2480,
-19.3493, 46.2635

107.4190,
-21.8986, 70.6695

221.7620,
-15.6587, 29.1497

80.6790, -19.5617,
67.8105

241.9770,
-11.8207, 11.4212

51.7050, -15.6306,
66.9107

253.9740, -3.9312,
0.8998

29.6010, -14.5933,
60.8629

20.9300, -10.3185,
43.0344

13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 162.2410,
-25.2618, 76.0876

■ 162.2410,
-25.2618, 76.0876

■ 146.4770,
-29.8152, 89.9127

■ 178.0050,
-20.7085, 62.2626

■ 130.7130,
-34.3685, 103.7377

■ 193.7690,
-16.1551, 48.4376

■ 115.5360,
-39.2112, 117.0479

■ 208.9460,
-11.3124, 35.1274

■ 99.7720, -43.7646,
130.8730

■ 224.7100, -6.7590,
21.3023

■ 92.6480, -45.6755,
137.1207

■ 240.3600, -2.6425,
7.5773

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



163.8000, -2.8594, 77.3514



162.2410, -25.2618, 76.0876



160.6410, -42.2210, 55.5658

Triad

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



162.2410, -25.2618, 76.0876



140.1120, -10.4082, -68.5042



151.3290, 51.1098, -59.9245

Complementary

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



162.2410, -25.2618, 76.0876



197.7590, 25.2618, -76.0876

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.



133.5730, 57.3985, -117.1435



162.2410, -25.2618, 76.0876



129.0350, 19.7027, -113.1637

Square

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



162.2410, -25.2618, 76.0876



152.3840, -36.1783, -16.1228



133.9200, 40.9584, -117.4478



167.0170, 37.9526, 7.0011

Rectangle

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



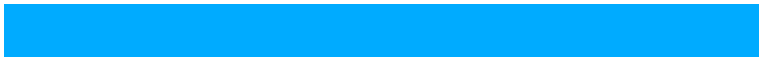
162.2410, -25.2618, 76.0876



158.7280, -47.6869, 35.3185



133.9200, 40.9584, -117.4478



129.4470, 61.8976, -113.5250

Sweetspot

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



162.2410, -25.2618, 76.0876



227.7920, -7.7855, 23.8614



166.1700, 32.9472, 72.6419



111.5350, -4.7008, 14.4398



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.



162.2410, -25.2618, 76.0876



147.4560, -31.2838, 94.3161



202.1570, -44.9404, 41.0813



117.0610, -2.4951, 6.9625



70.0120, -34.5159, 104.3525



22.9350, -11.3070, 33.3830

Inverse Universe

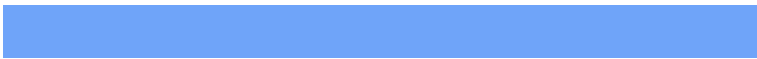
The Inverse Universe completely reimagines the original color for something new.



197.7590, 25.2618, -76.0876



191.5440, 31.2838, -94.3161



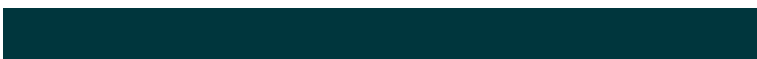
157.8430, 44.9404, -41.0813



119.9390, 2.4951, -6.9625



118.4010, 34.8053, -103.8377



38.6520, 11.0176, -33.8978

Previews

White Background



This preview shows how the YUV color 162.2410, -25.2618, 76.0876 looks on a white background.

Color Contrast Check

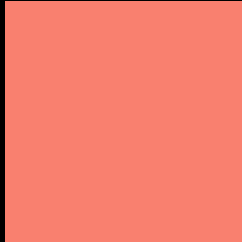
Large Text (above 18pt) WCAG AA × Fail

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 162.2410, -25.2618, 76.0876 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 ✓ Pass

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

YUV 162.2410, -25.2618, 76.0876

Background



This preview shows how black text looks on a background with the YUV color 162.2410, -25.2618, 76.0876.



This preview shows how white text looks on a background with the YUV color 162.2410, -25.2618,

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

162.2410, -25.2618, 76.0876

Protanopia

162.3700, -17.9304, 11.0765

Deuteranopia

162.5590, -27.8836, 30.2048



Tritanopia

163.4010, -14.4947, 75.9473

Trichromacy



Original Color

162.2410, -25.2618, 76.0876

Protanomaly

162.2420, -20.3323, 34.8678

Deuteranomaly

162.5980, -26.9168, 46.8336

Tritanomaly

163.0760, -18.2785, 76.2323

Monochromacy



Original Color

162.2410, -25.2618, 76.0876

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.3580, -9.5435, 27.7500

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2410, -25.2618, 76.0876 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(249, 128, 111)` looks like.

```
.text, #text, p{  
    color:rgb(249, 128, 111)  
}
```

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(249, 128, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 128, 111) }
```

Border

The CSS property to change the border of an element to YUV 162.2410, -25.2618, 76.0876 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(249, 128, 111) }
```


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

```
.border{ border-color:rgb(249, 128, 111) }
```

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

Here you see how a box with a 4 pixel rgb(249, 128, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 128, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 128, 111);  
box-shadow:4px 4px 4px 4px rgb(249, 128,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 162.2410, -25.2618, 76.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 128, 111) }
```

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

```
.background{ background-color: rgb(249,  
128, 111) }
```

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