

Converting Colors

YUV(164.9860, -45.3491,
78.9423)

Have a look what the booklet for
YUV(164.9860, -45.3491, 78.9423)
contains.

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Color

**YUV(164.9860, -45.3491,
78.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8949
RGB	255, 137, 73
RGB Percent	100%, 54%, 29%
CMY	0.0000, 0.4627, 0.7137
CMYK	0.00, 0.46, 0.71, 0.00
HSL	21°, 100%, 64%
HSV	21°, 71%, 100%
XYZ	51.3883, 39.6324, 11.2447
YIQ	164.9860, 90.8720, 5.1120

Conversions

Conversions Part 2

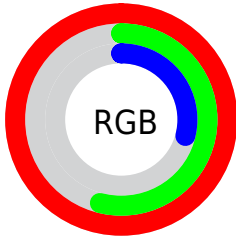
Format	Color
R_{YB}	255, 172, 73
Decimal	16746825
CIE _{Lab}	69.21, 40.06, 53.07
CIE _{LCh}	69, 66.495, 52.957
Yxy	39.6324, 0.5025, 0.3875
Android (android.graphics.Color)	4294936905 (0xFFFF8949)
YUV	164.9860, -45.3491, 78.9423
Hunter-Lab	62.9542, 35.5360, 33.4778

Details

The YUV color **164.9860, -45.3491, 78.9423** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **163.0140, 45.3491, -78.9423**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0850, -38.9889, 45.5295**, and **109.8110, -43.2908, 72.0798** is the 20% darker color. If you saturate the color by 10%, you get **152.1570, -51.3494, 90.1933**, and if you desaturate by 10%, it is **177.8150, -39.3488, 67.6912**.

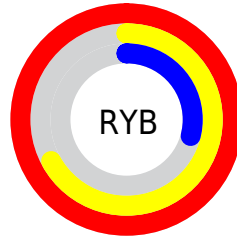
Distribution



Red (100%)

Green (54%)

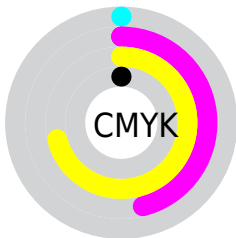
Blue (29%)



Red (100%)

Yellow (67%)

Blue (29%)

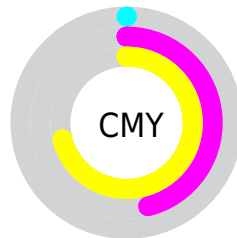


Cyan (0%)

Magenta (46%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9860, -45.3491, 78.9423 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 164.9860, -45.3491, 78.9423 by changing the saturation by 10% instead.

164.9860,
-45.3491, 78.9423

164.9860,
-45.3491, 78.9423

255.0000, 0.0000,
0.0000

137.3060,
-44.0279, 75.1536

203.0850,
-38.9889, 45.5295

109.8110,
-43.2908, 72.0798

222.5990,
-35.2983, 28.4157

82.7720, -40.8066,
68.6060

242.7000,
-31.8971, 10.7871

58.5400, -28.8602,
63.5474

249.4140,
-21.4031, 4.8989

30.7860, -15.1775,
61.5777

252.7200, -8.7360,
1.9996

21.5280, -10.6133,
44.2639

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 164.9860,
-45.3491, 78.9423

■ 164.9860,
-45.3491, 78.9423

■ 152.1570,
-51.3494, 90.1933

■ 177.8150,
-39.3488, 67.6912

■ 139.8010,
-58.0759, 101.0295

■ 190.1710,
-32.6223, 56.8550

■ 129.0750,
-63.6340, 110.4362

■ 203.0000,
-26.6220, 45.6040

■ 215.3560,
-19.8955, 34.7678

■ 228.2990,
-13.4584, 23.4168

240.5410, -7.1687,
12.6805

253.3700, -1.1684,
1.4295

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



158.7010, -16.1216, 84.4542



164.9860, -45.3491, 78.9423



161.9990, -62.1175, 43.8509

Triad

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



164.9860, -45.3491, 78.9423



132.9670, 9.3833, -116.6121



165.4590, 44.1437, -18.8195

Complementary

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



164.9860, -45.3491, 78.9423



163.0140, 45.3491, -78.9423

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.



134.7300, 59.2931, -118.1582



164.9860, -45.3491, 78.9423



140.0350, 36.4647, -122.8107

Square

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



164.9860, -45.3491, 78.9423



145.3290, -26.2912, -60.8015



142.3610, 55.5310, -124.8506



173.8310, 33.6073, 47.5062

Rectangle

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



164.9860, -45.3491, 78.9423



158.5670, -60.4255, 14.4117



142.3610, 55.5310, -124.8506



156.4010, 48.6093, -51.2177

Sweetspot

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



164.9860, -45.3491, 78.9423



228.2990, -13.4584, 23.4168



140.8700, 24.7141, 100.0920



112.0250, -7.9003, 14.0101



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.



164.9860, -45.3491, 78.9423



146.6800, -54.5652, 94.9966



218.4030, -71.6837, 32.0956



121.2350, -3.0739, 5.9329



96.4380, -47.5439, 82.9309



32.0500, -15.8006, 28.0202

Inverse Universe

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



163.0140, 45.3491, -78.9423



144.3200, 54.5652, -94.9966



109.5970, 71.6837, -32.0956



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Previews

White Background



This preview shows how the YUV color 164.9860, -45.3491, 78.9423 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 164.9860, -45.3491, 78.9423 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 164.9860, -45.3491, 78.9423

Background



This preview shows how black text looks on a background with the YUV color 164.9860, -45.3491, 78.9423.



This preview shows how white text looks on a background with the YUV color 164.9860, -45.3491,

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

164.9860, -45.3491, 78.9423

Protanopia

165.1650, -40.5073, 19.1493

Deuteranopia

165.2340, -48.4294, 40.1368



Tritanopia

169.6890, -14.6367, 74.8177

Trichromacy



Original Color

164.9860, -45.3491, 78.9423

Protanomaly

165.1400, -42.4670, 41.0962

Deuteranomaly

164.9630, -47.3098, 54.4064

Tritanomaly

168.1270, -25.6986, 76.1876

Monochromacy



Original Color

164.9860, -45.3491, 78.9423

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2350, -16.3849, 28.7349

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9860, -45.3491, 78.9423 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(255, 137, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 73)  
}
```

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(255, 137, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 73) }
```

Border

The CSS property to change the border of an element to YUV 164.9860, -45.3491, 78.9423 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(255, 137, 73) }
```


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

```
.border{ border-color:rgb(255, 137, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 137, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 164.9860, -45.3491, 78.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 73) }
```

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

```
.background{ background-color: rgb(255,  
137, 73) }
```

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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