

Converting Colors

YUV(172.4760, -35.2377,
55.7105)

Have a look what the booklet for
YUV(172.4760, -35.2377, 55.7105)
contains.

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Color

**YUV(172.4760, -35.2377,
55.7105)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9A65
RGB	236, 154, 101
RGB Percent	93%, 60%, 40%
CMY	0.0745, 0.3961, 0.6039
CMYK	0.00, 0.35, 0.57, 0.07
HSL	24°, 78%, 66%
HSV	24°, 57%, 93%
XYZ	48.4966, 41.8837, 17.8402
YIQ	172.4760, 65.8850, 0.9010

Conversions

Conversions Part 2

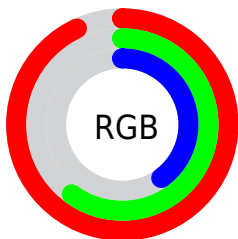
Format	Color
RYB	236, 188, 101
Decimal	15506021
CIELab	70.79, 25.44, 40.20
CIELCh	71, 47.574, 57.669
Yxy	41.8837, 0.4481, 0.3870
Android (android.graphics.Color)	4293696101 (0xFFEC9A65)
YUV	172.4760, -35.2377, 55.7105
Hunter-Lab	64.7176, 20.5046, 28.9583

Details

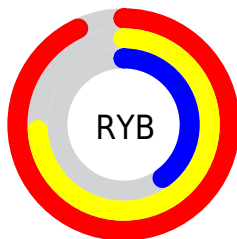
The YUV color **172.4760, -35.2377, 55.7105** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **164.5240, 35.2377, -55.7105**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3700, -31.2414, 33.8785**, and **118.4260, -32.7480, 50.4924** is the 20% darker color. If you saturate the color by 10%, you get **161.5220, -41.6693, 65.3172**, and if you desaturate by 10%, it is **183.4300, -28.8060, 46.1039**.

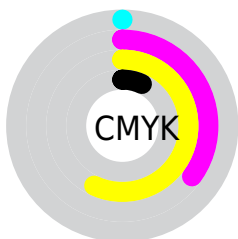
Distribution



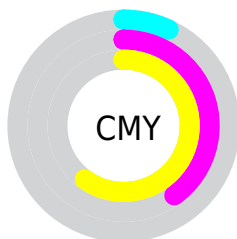
- Red (93%)
- Green (60%)
- Blue (40%)



- Red (93%)
- Yellow (74%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (57%)
- Black (7%)



- Cyan (7%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4760, -35.2377, 55.7105 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 172.4760, -35.2377, 55.7105 by changing the saturation by 10% instead.

172.4760,
-35.2377, 55.7105

172.4760,
-35.2377, 55.7105

255.0000, 0.0000,
0.0000

145.3940,
-34.2112, 53.1515

216.3700,
-31.2414, 33.8785

118.4260,
-32.7480, 50.4924

235.8840,
-27.5508, 16.7647

93.0450, -31.5742,
47.3185

249.6420,
-20.5295, 4.6990

67.7350, -31.4214,
44.9594

252.8340, -8.2992,
1.8996

45.4060, -22.3852,
39.9859

23.5330, -11.6018,
34.6126

12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 172.4760,
-35.2377, 55.7105

■ 172.4760,
-35.2377, 55.7105

■ 161.5220,
-41.6693, 65.3172

■ 183.4300,
-28.8060, 46.1039

■ 150.0950,
-47.3748, 75.3387

■ 194.8570,
-23.1005, 36.0824

■ 139.1410,
-53.8065, 84.9453

■ 205.8110,
-16.6688, 26.4758

■ 128.3010,
-59.8014, 94.4520

■ 216.6510,
-10.6739, 16.9691

■ 125.1550,
-61.7014, 97.2111

■ 228.1920, -4.5317,
6.8476

■ 239.1460, 1.9000,
-2.7590

■ 248.7320, 3.0901,
-11.1660

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



174.1030, -19.2778, 70.0697



172.4760, -35.2377, 55.7105



170.1770, -41.9923, 28.7858

Triad

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



172.4760, -35.2377, 55.7105



133.6170, 16.9508, -117.1821



175.6090, 36.6748, -3.1651

Complementary

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



172.4760, -35.2377, 55.7105



164.5240, 35.2377, -55.7105

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.



161.6510, 46.0211, -61.0839



172.4760, -35.2377, 55.7105



138.6330, 36.1699, -121.5811

Square

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



172.4760, -35.2377, 55.7105



158.0610, -16.2991, -45.6575



139.4600, 52.0312, -122.3064



178.3450, 20.5359, 40.0394

Rectangle

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



172.4760, -35.2377, 55.7105



167.1310, -39.0116, 6.0241



139.4600, 52.0312, -122.3064



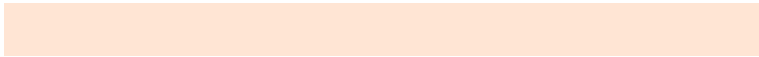
172.8240, 40.5128, -20.8936

Sweetspot

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



172.4760, -35.2377, 55.7105



234.8360, -11.2581, 17.6838



150.8270, 16.3543, 74.6967



115.6440, -6.7265, 10.8362



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.



172.4760, -35.2377, 55.7105



172.1270, -45.9116, 72.6796



211.2180, -54.3375, 21.7338



111.6370, -2.7790, 4.7034



95.7960, -47.2274, 74.7239



28.4730, -14.0372, 22.3872

Inverse Universe

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



164.5240, 35.2377, -55.7105



161.8730, 45.9116, -72.6796



125.7820, 54.3375, -21.7338



111.3630, 2.7790, -4.7034



85.2040, 47.2274, -74.7239



25.5270, 14.0372, -22.3872

Previews

White Background



This preview shows how the YUV color 172.4760, -35.2377, 55.7105 looks on a white background.

Color Contrast Check

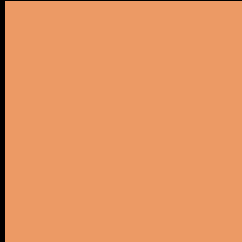
Large Text (above 18pt) WCAG AA × Fail

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 172.4760, -35.2377, 55.7105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

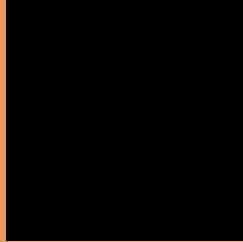
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.4760, -35.2377, 55.7105

Background



This preview shows how black text looks on a background with the YUV color 172.4760, -35.2377, 55.7105.



This preview shows how white text looks on a background with the YUV color 172.4760, -35.2377, 55.7105.

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

172.4760, -35.2377, 55.7105

Protanopia

170.9610, -31.0398, 15.8202

Deuteranopia

172.1160, -36.0462, 34.9783



Tritanopia

176.0610, -8.9041, 56.0745

Trichromacy



Original Color

172.4760, -35.2377, 55.7105

Protanomaly

171.5930, -32.8303, 30.1749

Deuteranomaly

172.5730, -35.7785, 42.4705

Tritanomaly

175.1290, -18.7976, 56.0149

Monochromacy



Original Color

172.4760, -35.2377, 55.7105

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8040, -12.7214, 20.3429

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4760, -35.2377, 55.7105 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(236, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(236, 154, 101)  
}
```

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(236, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 154, 101) }
```

Border

The CSS property to change the border of an element to YUV 172.4760, -35.2377, 55.7105 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(236, 154, 101) }
```


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

```
.border{ border-color:rgb(236, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(236, 154,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 172.4760, -35.2377, 55.7105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 154, 101) }
```

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

```
.background{ background-color: rgb(236,  
154, 101) }
```

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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