

Converting Colors

YUV(227.3460, -45.0336,
24.2526)

Have a look what the booklet for
YUV(227.3460, -45.0336, 24.2526)
contains.

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Color

**YUV(227.3460, -45.0336,
24.2526)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE788
RGB	255, 231, 136
RGB Percent	100%, 91%, 53%
CMY	0.0000, 0.0941, 0.4667
CMYK	0.00, 0.09, 0.47, 0.00
HSL	48°, 100%, 77%
HSV	48°, 47%, 100%
XYZ	74.2598, 80.1894, 34.8567
YIQ	227.3460, 44.7990, -24.4570

Conversions

Conversions Part 2

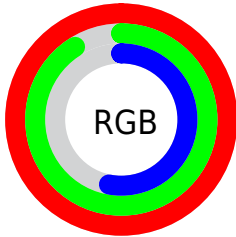
Format	Color
R _Y B	166, 255, 136
Decimal	16770952
CIE Lab	91.77, -4.01, 48.99
CIE LCh	92, 49.157, 94.681
Yxy	80.1894, 0.3923, 0.4236
Android (android.graphics.Color)	4294961032 (0xFFFFE788)
YUV	227.3460, -45.0336, 24.2526
Hunter-Lab	89.5485, -8.6854, 39.6054

Details

The YUV color $227.3460, -45.0336, 24.2526$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $163.6540, 45.0336, -24.2526$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.7040, -27.9551, 6.3986$, and $171.4920, -43.1336, 21.4935$ is the 20% darker color. If you saturate the color by 10%, you get $221.5610, -54.5066, 29.3260$, and if you desaturate by 10%, it is $233.2450, -35.1238, 19.0791$.

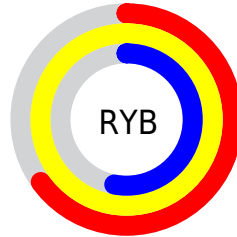
Distribution



Red (100%)

Green (91%)

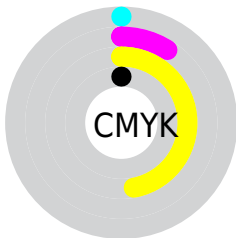
Blue (53%)



Red (65%)

Yellow (100%)

Blue (53%)

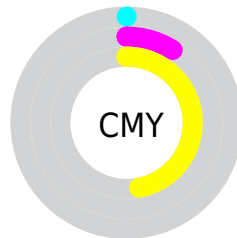


Cyan (0%)

Magenta (9%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3460, -45.0336, 24.2526 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 227.3460, -45.0336, 24.2526 by changing the saturation by 10% instead.

227.3460,
-45.0336, 24.2526

227.3460,
-45.0336, 24.2526

255.0000, 0.0000,
0.0000

198.9760,
-43.8652, 22.8230

247.7040,
-27.9551, 6.3986

171.4920,
-43.1336, 21.4935

250.8960,
-15.7247, 3.5992

144.3070,
-42.5494, 20.7788

254.2020, -3.0576,
0.6998

117.7090,
-42.2545, 19.5492

91.9000, -45.3067,
18.5047

69.7390, -34.3813,
14.2609

49.0510, -24.1821,

9.6023

■ 29.2490, -14.4198,
5.0436

■ 5.2830, -2.6045,
-4.6332

■ 227.3460,
-45.0336, 24.2526

■ 227.3460,
-45.0336, 24.2526

■ 221.5610,
-54.5066, 29.3260

■ 233.2450,
-35.1238, 19.0791

■ 215.6620,
-64.4164, 34.4994

■ 239.0300,
-25.6508, 14.0057

■ 209.8770,
-73.8894, 39.5729

■ 244.9290,
-15.7410, 8.8323

■ 203.3910,
-83.5098, 45.2611

■ 251.3010, -6.5574,
3.2440

■ 197.6060,
-92.9828, 50.3345

255.0000, 0.0000,
0.0000

■ 195.9930,
-96.6245, 51.7491

Harmonies

Analogous

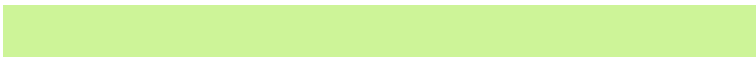
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.2080, -35.5985, 31.3896



227.3460, -45.0336, 24.2526



221.8510, -34.4365, -14.7783

Triad

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



227.3460, -45.0336, 24.2526



178.7550, 37.5888, -156.7681



223.3020, 15.6271, 27.7991

Complementary

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



227.3460, -45.0336, 24.2526



163.6540, 45.0336, -24.2526

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.



229.4160, 12.6129, 14.5442



227.3460, -45.0336, 24.2526



199.1750, 27.5217, -101.0085

Square

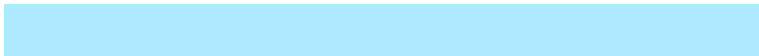
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.3460, -45.0336, 24.2526



199.1280, 18.6709, -108.8603



218.4540, 18.0172, -38.9862



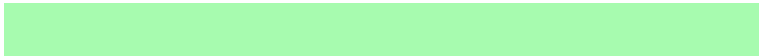
215.8870, 4.9857, 34.3021

Rectangle

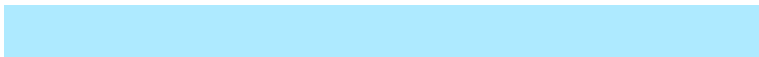
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.3460, -45.0336, 24.2526



217.2200, -20.8145, -44.0429



218.4540, 18.0172, -38.9862



225.6500, 14.4696, 25.7400

Sweetspot

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



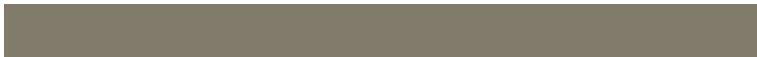
227.3460, -45.0336, 24.2526



246.7870, -13.6990, 7.2028



174.5450, -6.1847, 70.5590



122.5570, -8.1626, 4.7735



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

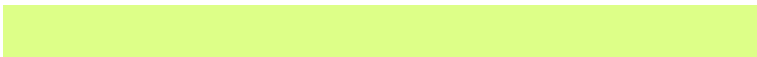
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.3460, -45.0336, 24.2526



221.6750, -54.0698, 29.2260



231.2680, -46.9671, -9.0050



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



163.6540, 45.0336, -24.2526



145.3250, 54.0698, -29.2260



159.7320, 46.9671, 9.0050



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 227.3460, -45.0336, 24.2526 looks on a white background.

Color Contrast Check

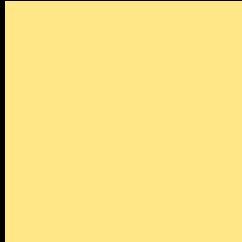
Large Text (above 18pt) WCAG AA × Fail

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 227.3460, -45.0336, 24.2526 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 227.3460, -45.0336, 24.2526

Background



This preview shows how black text looks on a background with the YUV color 227.3460, -45.0336, 24.2526.



This preview shows how white text looks on a background with the YUV color 227.3460, -45.0336, 24.2526.

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

227.3460, -45.0336, 24.2526

Protanopia

227.3350, -45.0282, 22.5082

Deuteranopia

231.8380, -17.6681, 20.3131



Tritanopia

233.9360, 0.5246, 18.4731

Trichromacy

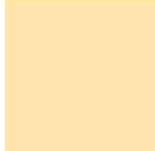


Original Color

227.3460, -45.0336, 24.2526

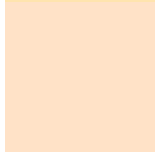
Protanomaly

227.6340, -45.1756, 23.1230



Deuteranomaly

229.9170, -27.5671, 21.9978



Tritanomaly

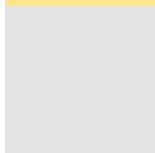
231.5930, -16.0683, 20.5279

Monochromacy



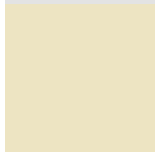
Original Color

227.3460, -45.0336, 24.2526



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.8150, -16.1778, 8.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3460, -45.0336, 24.2526 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, 231, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 136)  
}
```

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, 231, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 136) }
```

Border

The CSS property to change the border of an element to YUV 227.3460, -45.0336, 24.2526 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, 231, 136) }
```


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

```
.border{ border-color:rgb(255, 231, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 227.3460, -45.0336, 24.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 136) }
```

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

```
.background{ background-color: rgb(255,  
231, 136) }
```

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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