

Converting Colors

YUV(212.7790, -38.3450,
25.6268)

Have a look what the booklet for
YUV(212.7790, -38.3450, 25.6268)
contains.

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Color

**YUV(212.7790, -38.3450,
25.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D587
RGB	242, 213, 135
RGB Percent	95%, 84%, 53%
CMY	0.0510, 0.1647, 0.4706
CMYK	0.00, 0.12, 0.44, 0.05
HSL	44°, 80%, 74%
HSV	44°, 44%, 95%
XYZ	64.7854, 68.2150, 32.6739
YIQ	212.7790, 42.3220, -18.1100

Conversions

Conversions Part 2

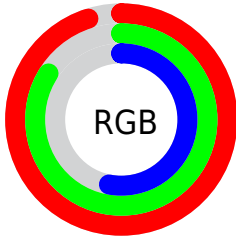
Format	Color
R_{YB}	175, 242, 135
Decimal	15914375
CIE Lab	86.11, -0.12, 42.16
CIE LCh	86, 42.160, 90.157
Yxy	68.2150, 0.3910, 0.4117
Android (android.graphics.Color)	4294104455 (0xFFFF2D587)
YUV	212.7790, -38.3450, 25.6268
Hunter-Lab	82.5924, -4.5215, 34.3593

Details

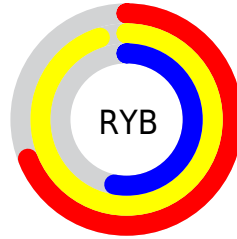
The YUV color $212.7790, -38.3450, 25.6268$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $164.2210, 38.3450, -25.6268$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.4760, -28.8287, 6.5985$, and $157.9250, -36.4450, 22.8678$ is the 20% darker color. If you saturate the color by 10%, you get $205.9340, -46.8025, 31.6299$, and if you desaturate by 10%, it is $219.6240, -29.8876, 19.6238$.

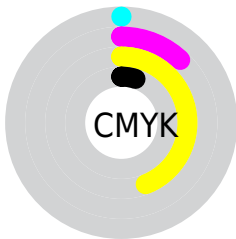
Distribution



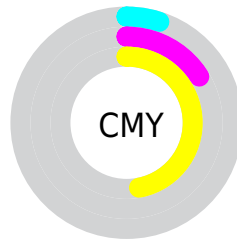
- Red (95%)
- Green (84%)
- Blue (53%)



- Red (69%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7790, -38.3450, 25.6268 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 212.7790, -38.3450, 25.6268 by changing the saturation by 10% instead.

212.7790,
-38.3450, 25.6268

212.7790,
-38.3450, 25.6268

255.0000, 0.0000,
0.0000

184.7080,
-37.3240, 24.8121

247.4760,
-28.8287, 6.5985

157.9250,
-36.4450, 22.8678

250.6680,
-16.5983, 3.7992

131.4410,
-35.7134, 21.5382

253.9740, -3.9312,
0.8998

105.2560,
-35.1292, 20.8235

79.9030, -36.4342,
19.3791

57.9440, -28.5664,
15.8351

38.1420, -18.8040,

11.2765

■ 18.9270, -9.3310,
6.2030

■ 0.0000, 0.0000,
0.0000

■ 212.7790,
-38.3450, 25.6268

■ 212.7790,
-38.3450, 25.6268

■ 205.9340,
-46.8025, 31.6299

■ 219.6240,
-29.8876, 19.6238

■ 199.6760,
-55.5493, 37.1181

■ 225.8820,
-21.1408, 14.1355

■ 192.7170,
-64.4435, 43.2212

■ 232.8410,
-12.2466, 8.0324

■ 186.4590,
-73.1903, 48.7095

■ 239.0990, -3.4998,
2.5442

■ 179.6140,
-81.6477, 54.7125

■ 245.8300, 4.5208,
-3.3589

■ 175.6700,
-86.6053, 58.1714

■ 249.3520, 2.7845,
-6.4477

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



209.8160, -30.9683, 39.6264



212.7790, -38.3450, 25.6268



208.4050, -31.2587, -7.3712

Triad

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



212.7790, -38.3450, 25.6268



186.6240, 33.2164, -107.5412



218.0190, 18.2316, 32.4323

Complementary

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



212.7790, -38.3450, 25.6268



164.2210, 38.3450, -25.6268

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.



215.1850, 19.6288, 4.2228



212.7790, -38.3450, 25.6268



192.4850, 30.8199, -85.4943

Square

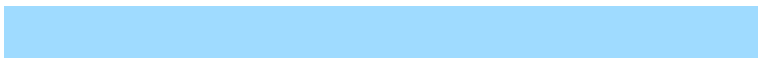
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.7790, -38.3450, 25.6268



194.0130, 9.8536, -80.6954



205.1640, 24.5691, -40.4858



209.5780, 3.6590, 39.8351

Rectangle

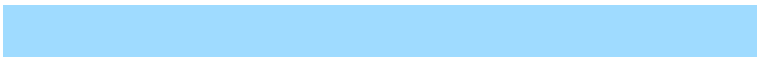
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.7790, -38.3450, 25.6268



204.7100, -20.5630, -31.3177



205.1640, 24.5691, -40.4858



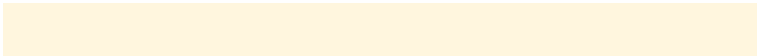
219.7690, 17.3689, 29.1436

Sweetspot

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



212.7790, -38.3450, 25.6268



245.9550, -11.8098, 7.9325



170.4130, -2.6686, 62.7818



122.0840, -7.4364, 5.1883



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.



212.7790, -38.3450, 25.6268



217.8910, -48.2603, 32.5446



222.9250, -43.3470, -3.4422



116.8710, -4.3734, 2.7441



133.6740, -65.9013, 44.1359



40.8110, -20.1198, 13.3208

Inverse Universe

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



164.2210, 38.3450, -25.6268



156.5220, 48.5497, -32.0298



154.0750, 43.3470, 3.4422



111.1290, 4.3734, -2.7441



50.3260, 65.9013, -44.1359



15.1890, 20.1198, -13.3208

Previews

White Background



This preview shows how the YUV color 212.7790, -38.3450, 25.6268 looks on a white background.

Color Contrast Check

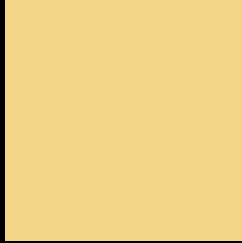
Large Text (above 18pt) WCAG AA × Fail

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 212.7790, -38.3450, 25.6268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

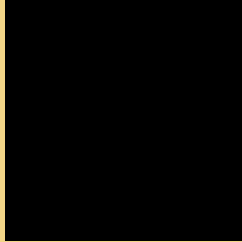
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7790, -38.3450, 25.6268

Background



This preview shows how black text looks on a background with the YUV color 212.7790, -38.3450, 25.6268.



This preview shows how white text looks on a background with the YUV color 212.7790, -38.3450,

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

212.7790, -38.3450, 25.6268

Protanopia

212.5610, -37.7446, 19.6790

Deuteranopia

214.7400, -32.4098, 35.3080



Tritanopia

218.8770, 0.0606, 27.2949

Trichromacy



Original Color

212.7790, -38.3450, 25.6268

Protanomaly

212.8710, -37.8974, 22.0381

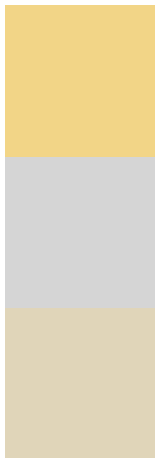
Deuteranomaly

213.8490, -34.4356, 31.7044

Tritanomaly

216.7940, -14.1954, 26.4907

Monochromacy



Original Color

212.7790, -38.3450, 25.6268

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0970, -13.8518, 9.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7790, -38.3450, 25.6268 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(242, 213, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 135)  
}
```

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(242, 213, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 135) }
```

Border

The CSS property to change the border of an element to YUV 212.7790, -38.3450, 25.6268 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(242, 213, 135) }
```


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

```
.border{ border-color:rgb(242, 213, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 212.7790, -38.3450, 25.6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 135) }
```

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

```
.background{ background-color: rgb(242,  
213, 135) }
```

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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