

Converting Colors

YUV(212.4290, -104.7275,
37.3348)

Have a look what the booklet for
YUV(212.4290, -104.7275, 37.3348)
contains.

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Color

**YUV(212.4290, -104.7275,
37.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE800
RGB	255, 232, 0
RGB Percent	100%, 91%, 0%
CMY	0.0000, 0.0902, 1.0000
CMYK	0.00, 0.09, 1.00, 0.00
HSL	55°, 100%, 50%
HSV	55°, 100%, 100%
XYZ	70.0966, 78.9732, 11.5489
YIQ	212.4290, 88.1800, -67.2760

Conversions

Conversions Part 2

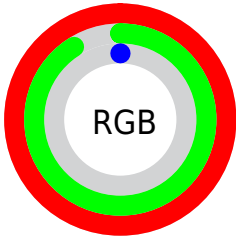
Format	Color
R _Y B	25, 255, 0
Decimal	16771072
CIE Lab	91.22, -10.42, 90.19
CIE LCh	91, 90.794, 96.592
Yxy	78.9732, 0.4364, 0.4917
Android (android.graphics.Color)	4294961152 (0xFFFFE800)
YUV	212.4290, -104.7275, 37.3348
Hunter-Lab	88.8669, -14.7194, 54.5017

Details

The YUV color **212.4290, -104.7275, 37.3348** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **42.5710, 104.7275, -37.3348**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **161.6060, -79.6718, 27.5325** is the 20% darker color. If you saturate the color by 10%, you get **212.4290, -104.7275, 37.3348**, and if you desaturate by 10%, it is **216.4530, -94.3863, 33.8057**.

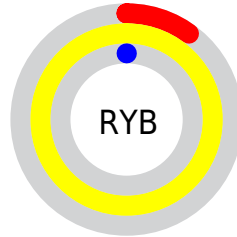
Distribution



Red (100%)

Green (91%)

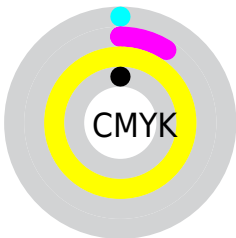
Blue (0%)



Red (10%)

Yellow (100%)

Blue (0%)

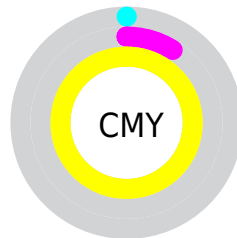


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4290, -104.7275, 37.3348 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 212.4290, -104.7275, 37.3348 by changing the saturation by 10% instead.

212.4290,
-104.7275, 37.3348

212.4290,
-104.7275, 37.3348

255.0000, 0.0000,
0.0000

186.7240,
-92.0549, 32.6911

236.4180,
-71.1981, 16.2964

161.6060,
-79.6718, 27.5325

239.9520,
-57.6573, 13.1971

136.7870,
-67.4360, 22.9888

243.3720,
-44.5534, 10.1978

113.4410,
-55.9264, 18.0302

246.6780,
-31.8863, 7.2984

90.0950, -44.4168,
13.0717

250.0980,
-18.7823, 4.2991

68.2220, -33.6334,
7.6983

253.5180, -5.6784,

46.6480, -22.9975,

1.2997

2.9397

■ 27.1450, -13.3825,
-1.0042

■ 4.6960, -2.3151,
-4.1184

■ 212.4290,
-104.7275, 37.3348

■ 216.4530,
-94.3863, 33.8057

■ 221.1780,
-83.8978, 29.6619

■ 225.3160,
-73.1198, 26.0329

■ 229.3400,
-62.7786, 22.5038

■ 233.4780,
-52.0007, 18.8748

■ 238.0890,
-41.9489, 14.8309

■ 242.2270,
-31.1709, 11.2019

■ 246.2510,
-20.8297, 7.6729

■ 250.9760,
-10.3412, 3.5290

Harmonies

Analogous

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



200.2570, -70.1327, 48.0096



212.4290, -104.7275, 37.3348



206.3850, -64.7728, -38.0486

Triad

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



212.4290, -104.7275, 37.3348



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207

Complementary

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



212.4290, -104.7275, 37.3348



42.5710, 104.7275, -37.3348

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.



221.5410, 16.4953, 29.3435



212.4290, -104.7275, 37.3348



178.7550, 37.5888, -156.7681

Square

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



212.4290, -104.7275, 37.3348



177.8430, 34.0944, -155.9683



166.4280, 43.6660, -145.9574



183.9950, 14.7925, 62.2714

Rectangle

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



212.4290, -104.7275, 37.3348



181.3200, -26.2868, -109.0286



166.4280, 43.6660, -145.9574



205.6920, 24.3088, 43.2431

Sweetspot

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



212.4290, -104.7275, 37.3348



242.2270, -31.1709, 11.2019



79.2090, -26.2320, 154.1687



119.8210, -18.6458, 7.1730



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.



212.4290, -104.7275, 37.3348



195.4320, -96.3480, -37.2129



125.3440, -5.0996, 2.3293



159.2470, -78.5088, 27.8474



53.1820, -26.2187, 9.4874

Inverse Universe

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



42.5710, 104.7275, -37.3348



59.5680, 96.3480, 37.2129



117.0690, 5.3890, -1.8145



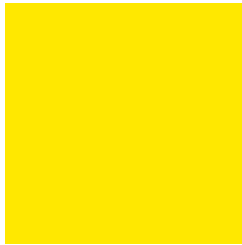
31.7530, 78.5088, -27.8474



10.8180, 26.2187, -9.4874

Previews

White Background



This preview shows how the YUV color 212.4290, -104.7275, 37.3348 looks on a white background.

Color Contrast Check

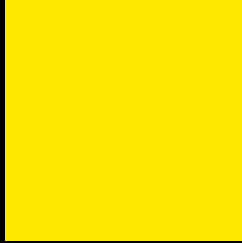
Large Text (above 18pt) WCAG AA × Fail

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 212.4290, -104.7275, 37.3348 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 212.4290, -104.7275, 37.3348 Background



This preview shows how black text looks on a background with the YUV color 212.4290, -104.7275, 37.3348.



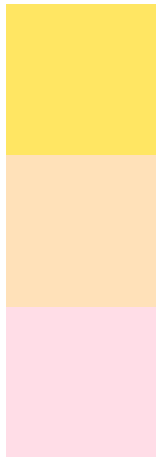
This preview shows how white text looks on a background with the YUV color 212.4290, -104.7275,

37.3348.

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



Protanopia

222.5410, -60.9057, 28.4665

Deuteranopia

229.4100, -21.8941, 22.4424

Tritanopia

232.3060, -0.6439, 19.9026

Trichromacy



Protanomaly

219.0240, -76.9198, 31.5510



Deuteranomaly

223.5330, -52.0278, 27.5966



Tritanomaly

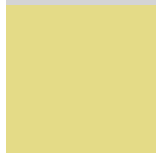
225.0780, -38.4925, 26.2416

Monochromacy



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.1150, -38.0177, 13.9311

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4290, -104.7275, 37.3348 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, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 0)  
}
```

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, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 0) }
```

Border

The CSS property to change the border of an element to YUV 212.4290, -104.7275, 37.3348 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, 232, 0) }
```

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

```
.border{ border-color:rgb(255, 232, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 232, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 212.4290, -104.7275, 37.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 0) }
```

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

```
.background{ background-color: rgb(255,  
232, 0) }
```

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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