

Converting Colors

YUV(221.7440, -31.9188,
17.7645)

Have a look what the booklet for
YUV(221.7440, -31.9188, 17.7645)
contains.

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Color

**YUV(221.7440, -31.9188,
17.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E09D
RGB	242, 224, 157
RGB Percent	95%, 88%, 62%
CMY	0.0510, 0.1216, 0.3843
CMYK	0.00, 0.07, 0.35, 0.05
HSL	47°, 77%, 78%
HSV	47°, 35%, 95%
XYZ	69.3594, 74.6229, 42.6463
YIQ	221.7440, 32.2350, -17.0210

Conversions

Conversions Part 2

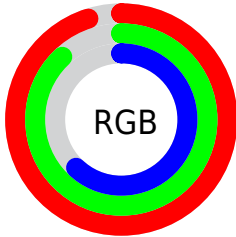
Format	Color
R_{YB}	180, 242, 157
Decimal	15917213
CIE _{Lab}	89.22, -3.37, 35.08
CIE _{LCh}	89, 35.237, 95.481
Yxy	74.6229, 0.3716, 0.3998
Android (android.graphics.Color)	4294107293 (0xFFFF2E09D)
YUV	221.7440, -31.9188, 17.7645
Hunter-Lab	86.3845, -7.8527, 31.1989

Details

The YUV color $221.7440, -31.9188, 17.7645$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $177.2560, 31.9188, -17.7645$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $166.4880, -30.3136, 16.2350$ is the 20% darker color. If you saturate the color by 10%, you get $216.0730, -40.9550, 22.7380$, and if you desaturate by 10%, it is $227.4150, -22.8826, 12.7910$.

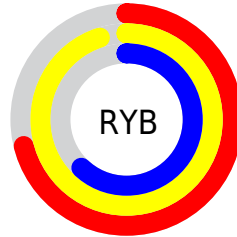
Distribution



Red (95%)

Green (88%)

Blue (62%)



Red (71%)

Yellow (95%)

Blue (62%)

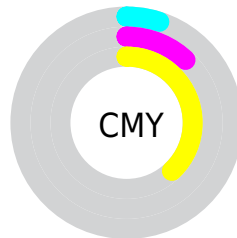


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (5%)



Cyan (5%)

Magenta (12%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.7440, -31.9188, 17.7645 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 221.7440, -31.9188, 17.7645 by changing the saturation by 10% instead.

■ 221.7440,
-31.9188, 17.7645

■ 221.7440,
-31.9188, 17.7645

255.0000, 0.0000,
0.0000

■ 193.6730,
-30.8978, 16.9498

■ 250.0980,
-18.7823, 4.2991

■ 166.4880,
-30.3136, 16.2350

■ 253.4040, -6.1152,
1.3997

■ 140.0040,
-29.5820, 14.9055

■ 113.9330,
-28.5610, 14.0908

■ 89.3350, -28.2662,
12.8612

■ 64.6230, -28.4081,
11.7316

■ 44.0340, -21.7088,

9.6172

■ 24.8190, -12.2358,
4.5437

■ 0.0000, 0.0000,
0.0000

■ 221.7440,
-31.9188, 17.7645

■ 221.7440,
-31.9188, 17.7645

■ 216.0730,
-40.9550, 22.7380

■ 227.4150,
-22.8826, 12.7910

■ 210.4020,
-49.9912, 27.7114

■ 233.0860,
-13.8464, 7.8176

■ 204.6170,
-59.4642, 32.7849

■ 238.8710, -4.3734,
2.7441

■ 198.9460,
-68.5004, 37.7584

■ 244.5420, 4.6628,
-2.2293

■ 192.6880,
-77.2472, 43.2466

■ 248.1780, 3.3632,
-5.4181

■ 187.0170,
-86.2834, 48.2201

■ 251.1130, 1.9163,
-7.9921

■ 184.4750,
-90.9462, 50.4494

Harmonies

Analogous

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



219.9720, -27.5942, 30.7196



221.7440, -31.9188, 17.7645



217.9190, -24.1171, -11.3300

Triad

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



221.7440, -31.9188, 17.7645



206.1180, 24.0988, -76.4025



224.2480, 14.1747, 26.9695

Complementary

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



221.7440, -31.9188, 17.7645



177.2560, 31.9188, -17.7645

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.



224.9640, 14.8077, 10.5556



221.7440, -31.9188, 17.7645



209.7720, 22.2974, -58.5590

Square

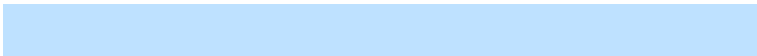
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.7440, -31.9188, 17.7645



208.2150, 10.2470, -66.8406



217.9550, 18.2632, -24.5165



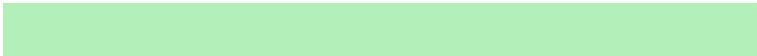
218.0240, 0.4812, 32.4280

Rectangle

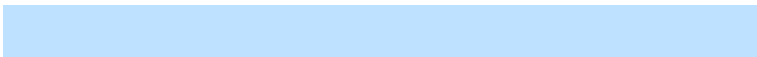
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.7440, -31.9188, 17.7645



214.9040, -14.7427, -31.4878



217.9550, 18.2632, -24.5165



226.2370, 14.1802, 25.2252

Sweetspot

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



221.7440, -31.9188, 17.7645



248.2860, -10.4940, 5.8882



184.4670, -4.6672, 50.4564



123.7140, -6.2680, 3.7588



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.



221.7440, -31.9188, 17.7645



229.3010, -40.0814, 22.5380



225.1340, -33.5901, -6.2565



116.8710, -4.3734, 2.7441



140.1310, -69.0846, 38.4731



42.5720, -20.9880, 11.7764

Inverse Universe

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



177.2560, 31.9188, -17.7645



173.6990, 40.0814, -22.5380



173.8660, 33.5901, 6.2565



110.5420, 4.6628, -2.2293



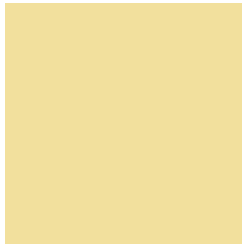
43.8690, 69.0846, -38.4731



13.4280, 20.9880, -11.7764

Previews

White Background



This preview shows how the YUV color 221.7440, -31.9188, 17.7645 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 221.7440, -31.9188, 17.7645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

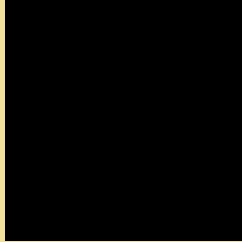
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.7440, -31.9188, 17.7645

Background



This preview shows how black text looks on a background with the YUV color 221.7440, -31.9188, 17.7645.



This preview shows how white text looks on a background with the YUV color 221.7440, -31.9188, 17.7645.

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

221.7440, -31.9188, 17.7645

Protanopia

221.7440, -31.9188, 17.7645

Deuteranopia

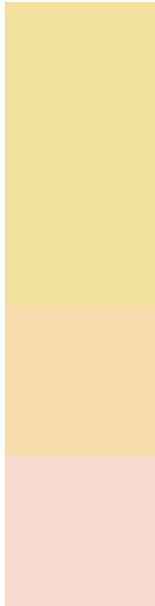
224.8450, -21.6156, 26.4459



Tritanopia

226.7020, 2.1189, 20.4323

Trichromacy



Original Color

221.7440, -31.9188, 17.7645

Protanomaly

221.7440, -31.9188, 17.7645

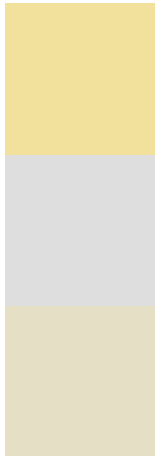
Deuteranomaly

223.4980, -25.3885, 23.2423

Tritanomaly

225.0750, -10.3900, 19.2282

Monochromacy



Original Color

221.7440, -31.9188, 17.7645

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.7440, -31.9188, 17.7645 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, 224, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 157)  
}
```

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, 224, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 157) }
```

Border

The CSS property to change the border of an element to YUV 221.7440, -31.9188, 17.7645 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, 224, 157) }
```


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

```
.border{ border-color:rgb(242, 224, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 224, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 221.7440, -31.9188, 17.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 157) }
```

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

```
.background{ background-color: rgb(242,  
224, 157) }
```

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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