

Converting Colors

YUV(218.3320, -33.6877,
25.1418)

Have a look what the booklet for
YUV(218.3320, -33.6877, 25.1418)
contains.

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Color

**YUV(218.3320, -33.6877,
25.1418)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D996
RGB	247, 217, 150
RGB Percent	97%, 85%, 59%
CMY	0.0314, 0.1490, 0.4118
CMYK	0.00, 0.12, 0.39, 0.03
HSL	41°, 86%, 78%
HSV	41°, 39%, 97%
XYZ	68.6756, 71.6019, 39.0551
YIQ	218.3320, 39.3870, -14.4770

Conversions

Conversions Part 2

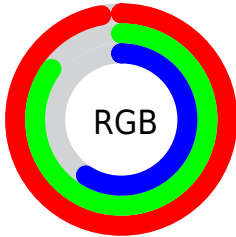
Format	Color
R _Y B	193, 247, 150
Decimal	16243094
CIE Lab	87.78, 1.35, 36.82
CIE LCh	88, 36.847, 87.893
Yxy	71.6019, 0.3830, 0.3993
Android (android.graphics.Color)	4294433174 (0xFFFF7D996)
YUV	218.3320, -33.6877, 25.1418
Hunter-Lab	84.6179, -3.2112, 31.8674

Details

The YUV color $218.3320, -33.6877, 25.1418$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $178.6680, 33.6877, -25.1418$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3000, -21.8399, 4.9989$, and $162.7770, -31.9351, 22.9976$ is the 20% darker color. If you saturate the color by 10%, you get $210.7860, -42.2925, 31.7597$, and if you desaturate by 10%, it is $225.8780, -25.0829, 18.5240$.

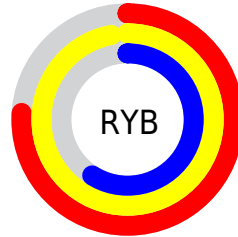
Distribution



Red (97%)

Green (85%)

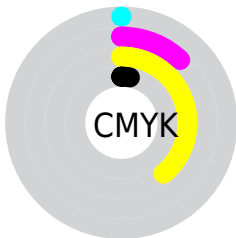
Blue (59%)



Red (76%)

Yellow (97%)

Blue (59%)

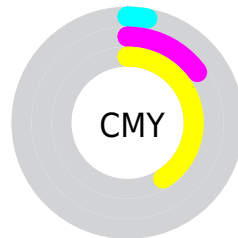


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (3%)



Cyan (3%)

Magenta (15%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3320, -33.6877, 25.1418 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 218.3320, -33.6877, 25.1418 by changing the saturation by 10% instead.

218.3320,
-33.6877, 25.1418

218.3320,
-33.6877, 25.1418

255.0000, 0.0000,
0.0000

190.2610,
-32.6667, 24.3271

249.3000,
-21.8399, 4.9989

162.7770,
-31.9351, 22.9976

252.4920, -9.6096,
2.1995

136.2930,
-31.2034, 21.6680

110.9230,
-30.0350, 20.2385

86.0260, -29.5928,
18.3942

61.7870, -30.4610,
16.8498

41.6970, -20.5566,

13.4207

■ 22.4820, -11.0836,
8.3473

■ 0.0000, 0.0000,
0.0000

■ 218.3320,
-33.6877, 25.1418

■ 218.3320,
-33.6877, 25.1418

■ 210.7860,
-42.2925, 31.7597

■ 225.8780,
-25.0829, 18.5240

■ 203.9410,
-50.7499, 37.7627

■ 232.7230,
-16.6254, 12.5209

■ 196.3950,
-59.3547, 44.3806

■ 240.2690, -8.0206,
5.9031

■ 188.8490,
-67.9596, 50.9984

■ 247.8150, 0.5842,
-0.7148

■ 181.8900,
-76.8538, 57.1015

■ 252.6080, 1.1793,
-4.9182

■ 174.4580,
-85.0218, 63.6193

■ 174.2300,
-85.8954, 63.8193

Harmonies

Analogous

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



215.0480, -26.1527, 35.0379



218.3320, -33.6877, 25.1418



214.5240, -28.3593, -3.9675

Triad

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



218.3320, -33.6877, 25.1418



200.7150, 25.2835, -83.0651



222.7150, 15.9165, 28.3139

Complementary

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



218.3320, -33.6877, 25.1418



178.6680, 33.6877, -25.1418

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.



219.8920, 17.3082, 1.8487



218.3320, -33.6877, 25.1418



203.2050, 25.5349, -70.3398

Square

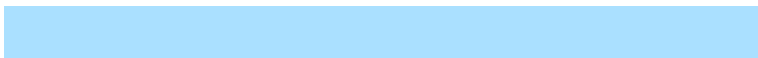
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.3320, -33.6877, 25.1418



203.7870, 6.0210, -64.7112



211.3880, 21.5007, -36.2973



215.6590, 4.1121, 34.5021

Rectangle

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



218.3320, -33.6877, 25.1418



211.0960, -19.2743, -24.6402



211.3880, 21.5007, -36.2973



223.8670, 15.3486, 23.7956

Sweetspot

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



218.3320, -33.6877, 25.1418



246.1830, -10.9362, 7.7325



182.5370, -0.7577, 56.5341



122.4260, -6.1260, 4.8884



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.



218.3320, -33.6877, 25.1418



219.6010, -41.7083, 31.0449



230.5600, -39.7161, -1.3681



118.8710, -4.3734, 2.7441



131.3370, -64.7491, 47.9395



41.7080, -20.5620, 15.1651

Inverse Universe

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



178.6680, 33.6877, -25.1418



170.3990, 41.7083, -31.0449



166.4400, 39.7161, 1.3681



113.7160, 4.0840, -3.2589



55.2500, 64.4597, -48.4543



17.2920, 20.5620, -15.1651

Previews

White Background



This preview shows how the YUV color 218.3320, -33.6877, 25.1418 looks on a white background.

Color Contrast Check

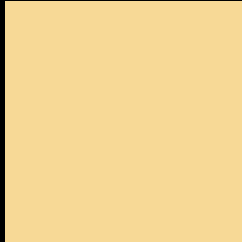
Large Text (above 18pt) WCAG AA × Fail

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 218.3320, -33.6877, 25.1418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

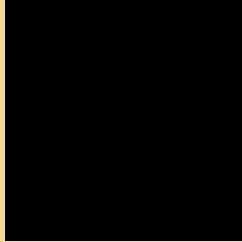
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.3320, -33.6877, 25.1418

Background



This preview shows how black text looks on a background with the YUV color 218.3320, -33.6877, 25.1418.



This preview shows how white text looks on a background with the YUV color 218.3320, -33.6877, 25.1418.

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

218.3320, -33.6877, 25.1418

Protanopia

217.5160, -32.7924, 17.9645

Deuteranopia

220.4280, -25.8470, 30.3196



Tritanopia

223.8770, 0.0606, 27.2949

Trichromacy



Original Color

218.3320, -33.6877, 25.1418

Protanomaly

217.8260, -32.9452, 20.3236

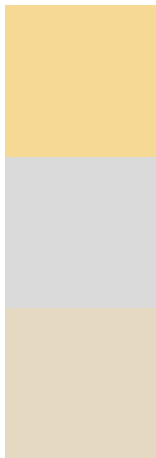
Deuteranomaly

219.3200, -28.7518, 28.6604

Tritanomaly

221.6630, -12.1589, 26.6055

Monochromacy



Original Color

218.3320, -33.6877, 25.1418

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.4390, -12.5414, 9.2620

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3320, -33.6877, 25.1418 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(247, 217, 150)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 150)  
}
```

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(247, 217, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 150) }
```

Border

The CSS property to change the border of an element to YUV 218.3320, -33.6877, 25.1418 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(247, 217, 150) }
```


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

```
.border{ border-color:rgb(247, 217, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 217, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 150);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 218.3320, -33.6877, 25.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 150) }
```

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

```
.background{ background-color: rgb(247,  
217, 150) }
```

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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