

Converting Colors

YUV(232.6970, -20.5566,
13.4207)

Have a look what the booklet for
YUV(232.6970, -20.5566, 13.4207)
contains.

YUV(232.6970, -20.5566, 13.4207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(232.6970, -20.5566,
13.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E9BF
RGB	248, 233, 191
RGB Percent	97%, 91%, 75%
CMY	0.0275, 0.0863, 0.2510
CMYK	0.00, 0.06, 0.23, 0.03
HSL	44°, 80%, 86%
HSV	44°, 23%, 97%
XYZ	77.2543, 81.9959, 61.0453
YIQ	232.6970, 22.4220, -9.8820

Conversions

Conversions Part 2

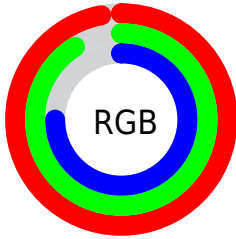
Format	Color
R _Y B	211, 248, 191
Decimal	16312767
CIE Lab	92.57, -1.37, 22.28
CIE LCh	93, 22.322, 93.508
Yxy	81.9959, 0.3507, 0.3722
Android (android.graphics.Color)	4294502847 (0xFF8E9BF)
YUV	232.6970, -20.5566, 13.4207
Hunter-Lab	90.5516, -6.1776, 23.4158

Details

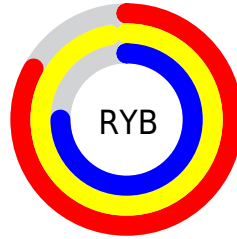
The YUV color $232.6970, -20.5566, 13.4207$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.3030, 20.5566, -13.4207$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, -3.4944, 0.7998$, and $176.6260, -19.5356, 12.6060$ is the 20% darker color. If you saturate the color by 10%, you get $225.7380, -29.4508, 19.5238$, and if you desaturate by 10%, it is $239.6560, -11.6624, 7.3177$.

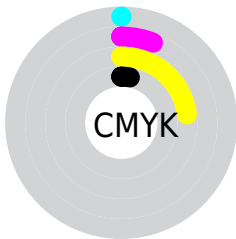
Distribution



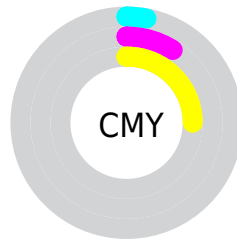
- Red (97%)
- Green (91%)
- Blue (75%)



- Red (83%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.6970, -20.5566, 13.4207 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 232.6970, -20.5566, 13.4207 by changing the saturation by 10% instead.

■ 232.6970,
-20.5566, 13.4207

■ 232.6970,
-20.5566, 13.4207

■ 255.0000, 0.0000,
0.0000

■ 204.5120,
-19.9724, 12.7060

■ 254.0880, -3.4944,
0.7998

■ 176.6260,
-19.5356, 12.6060

■ 150.4410,
-18.9514, 11.8912

■ 124.2560,
-18.3672, 11.1765

■ 99.1850, -17.3462,
10.3618

■ 75.0000, -16.7620,
9.6470

■ 52.5160, -16.0304,

8.3175

■ 30.7440, -15.1568,
8.1175

■ 9.1590, -4.5154,
1.6146

■ 232.6970,
-20.5566, 13.4207

■ 232.6970,
-20.5566, 13.4207

■ 225.7380,
-29.4508, 19.5238

■ 239.6560,
-11.6624, 7.3177

■ 219.3660,
-38.6344, 25.1120

■ 246.0280, -2.4788,
1.7294

■ 212.5210,
-47.0919, 31.1151

■ 251.7330, 1.6106,
-3.2738

■ 206.1490,
-56.2755, 36.7033

■ 252.9070, 1.0318,
-4.3034

■ 199.1900,
-65.1697, 42.8064

■ 192.8180,
-74.3533, 48.3946

■ 185.8590,
-83.2475, 54.4977

■ 181.5730,
-89.5155, 58.2565

Harmonies

Analogous

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



231.2510, -17.3787, 20.8279



232.6970, -20.5566, 13.4207



230.4280, -15.9870, -5.6374

Triad

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



232.6970, -20.5566, 13.4207



225.5090, 14.5391, -43.4194



234.8140, 8.9657, 17.7031

Complementary

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



232.6970, -20.5566, 13.4207



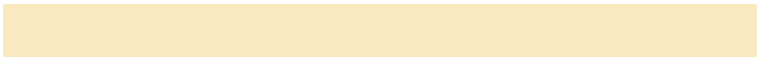
206.3030, 20.5566, -13.4207

Split Complementary

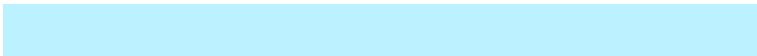
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.3780, 10.1666, 5.8075



232.6970, -20.5566, 13.4207



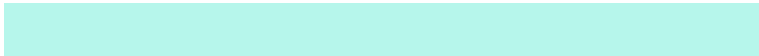
226.7490, 13.9277, -33.9829

Square

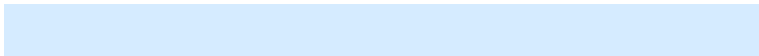
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.6970, -20.5566, 13.4207



225.6100, 4.6293, -38.2460



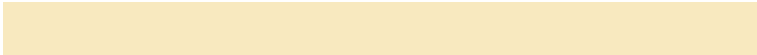
230.7020, 11.9789, -15.5247



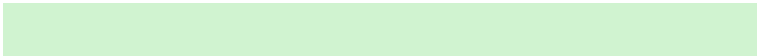
231.2460, 0.3717, 20.8323

Rectangle

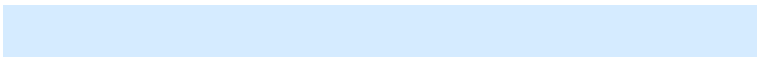
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.6970, -20.5566, 13.4207



228.5450, -10.1287, -18.0180



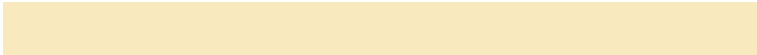
230.7020, 11.9789, -15.5247



236.2160, 9.2605, 16.4736

Sweetspot

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



232.6970, -20.5566, 13.4207



250.0130, -6.4154, 4.3736



209.7530, -1.8502, 33.5426



124.9850, -3.9366, 2.6442



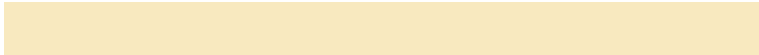
0.0000, 0.0000, 0.0000



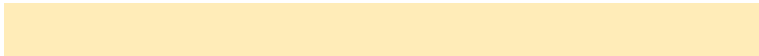
128.0000, 0.0000, 0.0000

Same Dimension

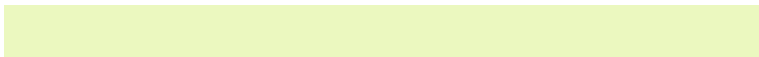
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.6970, -20.5566, 13.4207



235.7530, -25.5142, 16.8796



237.6150, -22.9812, -2.2934



121.7570, -4.8102, 2.8441



138.1040, -68.0853, 44.6358



44.6540, -22.0144, 14.3354

Inverse Universe

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



206.3030, 20.5566, -13.4207



202.6600, 25.8036, -16.3648



201.3850, 22.9812, 2.2934



115.8300, 4.5208, -3.3589



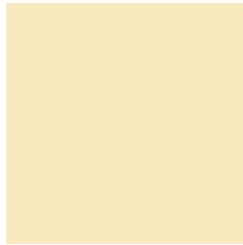
50.8960, 68.0853, -44.6358



16.3460, 22.0144, -14.3354

Previews

White Background



This preview shows how the YUV color 232.6970, -20.5566, 13.4207 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 232.6970, -20.5566, 13.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

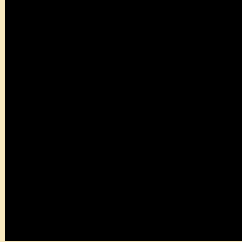
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.6970, -20.5566, 13.4207

Background



This preview shows how black text looks on a background with the YUV color 232.6970, -20.5566, 13.4207.



This preview shows how white text looks on a background with the YUV color 232.6970, -20.5566, 13.4207.

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

232.6970, -20.5566, 13.4207

Protanopia

232.3980, -20.4092, 12.8060

Deuteranopia

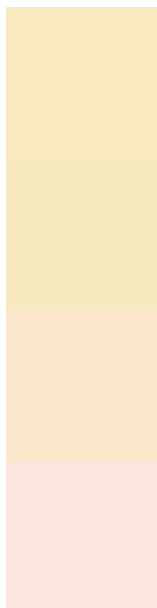
234.8360, -11.2581, 17.6838



Tritanopia

236.6090, 3.1508, 16.1289

Trichromacy



Original Color

232.6970, -20.5566, 13.4207

Protanomaly

232.3980, -20.4092, 12.8060

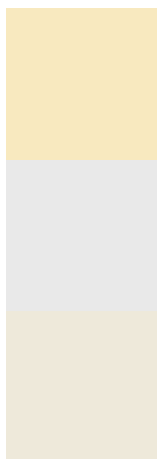
Deuteranomaly

233.6140, -14.5997, 16.1245

Tritanomaly

235.3070, -5.5744, 14.6398

Monochromacy



Original Color

232.6970, -20.5566, 13.4207

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.6970, -20.5566, 13.4207 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(248, 233, 191)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 191)  
}
```

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(248, 233, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 191) }
```

Border

The CSS property to change the border of an element to YUV 232.6970, -20.5566, 13.4207 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(248, 233, 191) }
```


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

```
.border{ border-color:rgb(248, 233, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 233, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 191);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 232.6970, -20.5566, 13.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 191) }
```

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

```
.background{ background-color: rgb(248,  
233, 191) }
```

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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