

Converting Colors

YUV(230.8630, -29.0195,
21.1681)

Have a look what the booklet for
YUV(230.8630, -29.0195, 21.1681)
contains.

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Color

**YUV(230.8630, -29.0195,
21.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6AC
RGB	255, 230, 172
RGB Percent	100%, 90%, 67%
CMY	0.0000, 0.0980, 0.3255
CMYK	0.00, 0.10, 0.33, 0.00
HSL	42°, 100%, 84%
HSV	42°, 33%, 100%
XYZ	76.9832, 80.8322, 50.5744
YIQ	230.8630, 33.5180, -12.7380

Conversions

Conversions Part 2

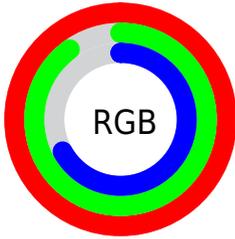
Format	Color
R_{YB}	208, 255, 172
Decimal	16770732
CIE _{Lab}	92.06, 0.31, 31.42
CIE _{LCh}	92, 31.418, 89.430
Yxy	80.8322, 0.3694, 0.3879
Android (android.graphics.Color)	4294960812 (0xFFFFE6AC)
YUV	230.8630, -29.0195, 21.1681
Hunter-Lab	89.9067, -4.4950, 29.5828

Details

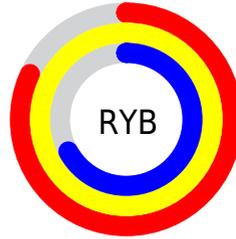
The YUV color **230.8630, -29.0195, 21.1681** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **196.1370, 29.0195, -21.1681**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.9220, -11.7935, 2.6994**, and **175.1940, -27.7036, 19.1239** is the 20% darker color. If you saturate the color by 10%, you get **223.3170, -37.6243, 27.7860**, and if you desaturate by 10%, it is **238.5230, -19.9778, 14.4503**.

Distribution



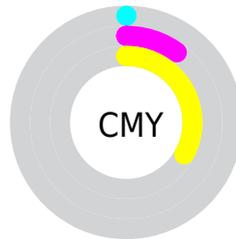
- Red (100%)
- Green (90%)
- Blue (67%)



- Red (82%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8630, -29.0195, 21.1681 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 230.8630, -29.0195, 21.1681 by changing the saturation by 10% instead.

 230.8630,
-29.0195, 21.1681

 230.8630,
-29.0195, 21.1681

255.0000, 0.0000,
0.0000

 202.6780,
-28.4353, 20.4534

 251.9220,
-11.7935, 2.6994

 175.1940,
-27.7036, 19.1239

 148.1230,
-26.6826, 18.3091

 122.0520,
-25.6616, 17.4944

 97.1550, -25.2194,
15.6501

 73.0840, -24.1984,
14.8353

 49.9590, -24.6298,

13.1910

■ 30.4560, -15.0148,
9.2471

■ 7.6970, -3.7946,
3.7737

■ 230.8630,
-29.0195, 21.1681

■ 230.8630,
-29.0195, 21.1681

■ 223.3170,
-37.6243, 27.7860

■ 238.5230,
-19.9778, 14.4503

■ 216.2440,
-46.9553, 33.9890

■ 245.4820,
-11.0836, 8.3473

■ 208.6980,
-55.5601, 40.6069

■ 253.1420, -2.0420,
1.6295

■ 201.0380,
-64.6017, 47.3247

■ 255.0000, 0.0000,
0.0000

■ 194.0790,
-73.4959, 53.4277

■ 186.4190,
-82.5376, 60.1455

■ 180.7310,
-89.1004, 65.1339

Harmonies

Analogous

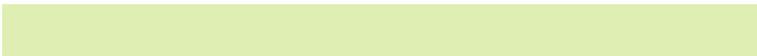
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.0190, -22.1944, 25.4163



230.8630, -29.0195, 21.1681



227.3760, -23.8494, -3.8378

Triad

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



230.8630, -29.0195, 21.1681



217.4030, 18.5353, -65.2514



231.5200, 11.5756, 20.5920

Complementary

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



230.8630, -29.0195, 21.1681



196.1370, 29.0195, -21.1681

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.



231.7090, 11.4825, 3.7632



230.8630, -29.0195, 21.1681



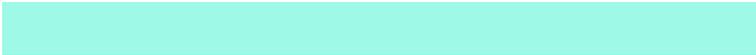
219.5400, 17.4818, -53.9706

Square

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



230.8630, -29.0195, 21.1681



219.7390, 5.5517, -54.1451



225.0210, 14.7796, -27.2054



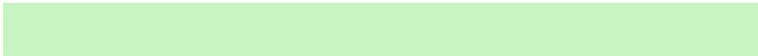
226.1910, 3.8498, 25.2655

Rectangle

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



230.8630, -29.0195, 21.1681



224.6170, -16.0802, -22.4661



225.0210, 14.7796, -27.2054



233.2810, 10.7075, 19.0476

Sweetspot

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



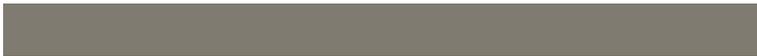
230.8630, -29.0195, 21.1681



247.4540, -8.6048, 6.6178



199.7810, -0.8780, 48.4271



123.2410, -5.5418, 4.1736



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

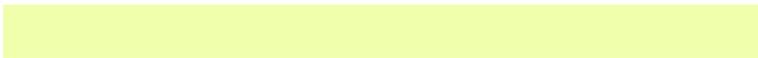
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.8630, -29.0195, 21.1681



226.1040, -34.5613, 25.3418



241.0530, -34.0431, -0.9235



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798

Inverse Universe

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



196.1370, 29.0195, -21.1681



184.8960, 34.5613, -25.3418



185.9470, 34.0431, 0.9235



118.8300, 4.5208, -3.3589



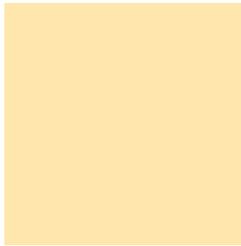
55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 230.8630, -29.0195, 21.1681 looks on a white background.

Color Contrast Check

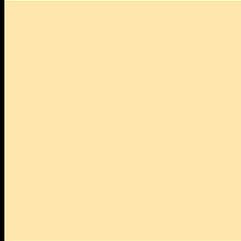
Large Text (above 18pt) WCAG AA × Fail

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 230.8630, -29.0195, 21.1681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

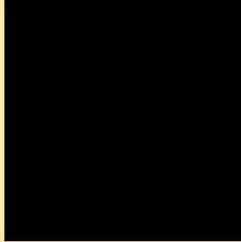
Any Text WCAG AA ✓ Pass

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 230.8630, -29.0195, 21.1681 Background



This preview shows how black text looks on a background with the YUV color 230.8630, -29.0195, 21.1681.



This preview shows how white text looks on a background with the YUV color 230.8630, -29.0195, 21.1681.

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

230.8630, -29.0195, 21.1681

Protanopia

230.3570, -28.2770, 16.3499

Deuteranopia

232.7500, -14.1737, 19.5133



Tritanopia

234.7510, 1.1088, 17.7584

Trichromacy



Original Color

230.8630, -29.0195, 21.1681

Protanomaly

230.3680, -28.2824, 18.0943

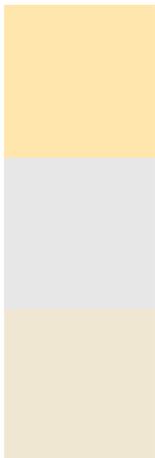
Deuteranomaly

231.9690, -19.7047, 20.1982

Tritanomaly

233.1890, -9.9532, 19.1282

Monochromacy



Original Color

230.8630, -29.0195, 21.1681

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.2970, -10.4994, 7.6325

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8630, -29.0195, 21.1681 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, 230, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 172)  
}
```

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, 230, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 172) }
```

Border

The CSS property to change the border of an element to YUV 230.8630, -29.0195, 21.1681 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, 230, 172) }
```

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

```
.border{ border-color:rgb(255, 230, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 230.8630, -29.0195, 21.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 172) }
```

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

```
.background{ background-color: rgb(255,  
230, 172) }
```

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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