

Converting Colors

YUV(225.6020, -29.8768,
16.1350)

Have a look what the booklet for
YUV(225.6020, -29.8768, 16.1350)
contains.

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Color

**YUV(225.6020, -29.8768,
16.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E4A5
RGB	244, 228, 165
RGB Percent	96%, 89%, 65%
CMY	0.0431, 0.1059, 0.3529
CMYK	0.00, 0.07, 0.32, 0.04
HSL	48°, 78%, 80%
HSV	48°, 32%, 96%
XYZ	71.8432, 77.4365, 46.7575
YIQ	225.6020, 29.7590, -16.2010

Conversions

Conversions Part 2

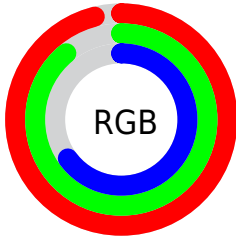
Format	Color
R_{YB}	185, 244, 165
Decimal	16049317
CIE Lab	90.52, -3.68, 32.77
CIE LCh	91, 32.975, 96.416
Yxy	77.4365, 0.3665, 0.3950
Android (android.graphics.Color)	4294239397 (0xFFFF4E4A5)
YUV	225.6020, -29.8768, 16.1350
Hunter-Lab	87.9980, -8.2659, 30.0950

Details

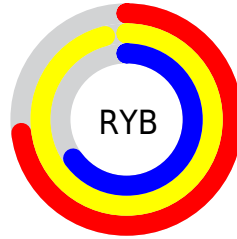
The YUV color $225.6020, -29.8768, 16.1350$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $183.3980, 29.8768, -16.1350$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $170.3460, -28.2716, 14.6056$ is the 20% darker color. If you saturate the color by 10%, you get $219.9310, -38.9130, 21.1085$, and if you desaturate by 10%, it is $231.2730, -20.8406, 11.1616$.

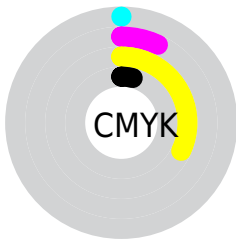
Distribution



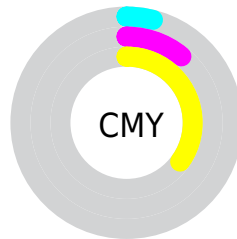
- Red (96%)
- Green (89%)
- Blue (65%)



- Red (73%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.6020, -29.8768, 16.1350 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 225.6020, -29.8768, 16.1350 by changing the saturation by 10% instead.

■ 225.6020,
-29.8768, 16.1350

■ 225.6020,
-29.8768, 16.1350

■ 255.0000, 0.0000,
0.0000

■ 197.4170,
-29.2926, 15.4203

■ 251.0100,
-15.2879, 3.4992

■ 170.3460,
-28.2716, 14.6056

■ 254.3160, -2.6208,
0.5999

■ 143.1610,
-27.6874, 13.8908

■ 117.6770,
-26.9558, 12.5613

■ 92.6060, -25.9348,
11.7465

■ 68.4210, -25.3506,
11.0318

■ 46.3930, -22.8717,

9.3023

■ 26.8900, -13.2568,
5.3585

■ 2.3480, -1.1576,
-2.0592

■ 225.6020,
-29.8768, 16.1350

■ 225.6020,
-29.8768, 16.1350

■ 219.9310,
-38.9130, 21.1085

■ 231.2730,
-20.8406, 11.1616

■ 214.1460,
-48.3860, 26.1820

■ 237.0580,
-11.3676, 6.0881

■ 208.4750,
-57.4222, 31.1554

■ 242.7290, -2.3314,
1.1147

■ 202.6900,
-66.8952, 36.2289

■ 247.6020, 3.6472,
-3.1590

■ 197.0190,
-75.9314, 41.2023

■ 250.5370, 2.2003,
-5.7329

■ 191.3480,
-84.9676, 46.1758

■ 251.7110, 1.6215,
-6.7625

■ 187.4210,
-92.3986, 49.6198

Harmonies

Analogous

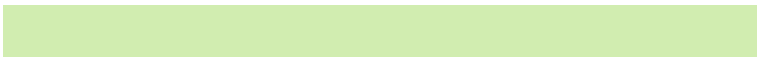
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.1180, -25.6942, 27.9605



225.6020, -29.8768, 16.1350



221.6740, -22.5173, -11.1151

Triad

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



225.6020, -29.8768, 16.1350



212.0650, 21.1670, -69.3400



227.2970, 13.1646, 24.2955

Complementary

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



225.6020, -29.8768, 16.1350



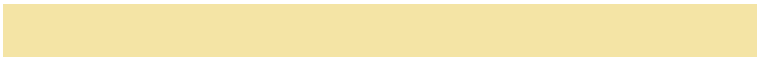
183.3980, 29.8768, -16.1350

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.



228.5080, 13.0606, 10.9555



225.6020, -29.8768, 16.1350



215.4200, 19.5129, -52.1113

Square

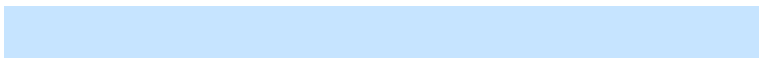
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.6020, -29.8768, 16.1350



213.8350, 9.9413, -62.1223



222.1080, 16.2158, -21.1427



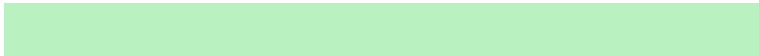
221.8880, 0.0552, 29.0392

Rectangle

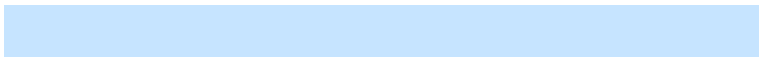
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.6020, -29.8768, 16.1350



219.2570, -13.4377, -30.0434



222.1080, 16.2158, -21.1427



229.1720, 12.7332, 22.6512

Sweetspot

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



225.6020, -29.8768, 16.1350



249.2150, -9.4730, 5.0734



190.5590, -4.2196, 46.8678



123.8280, -5.8312, 3.6588



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

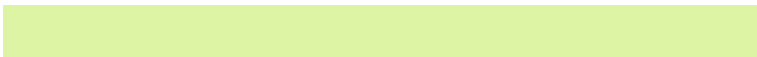
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.6020, -29.8768, 16.1350



231.9740, -37.4552, 20.1938



228.4160, -31.2641, -5.6268



119.4580, -4.6628, 2.2293



142.4900, -70.2476, 38.1583



45.2300, -22.2984, 12.0763

Inverse Universe

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



183.3980, 29.8768, -16.1350



179.0260, 37.4552, -20.1938



180.5840, 31.2641, 5.6268



113.1290, 4.3734, -2.7441



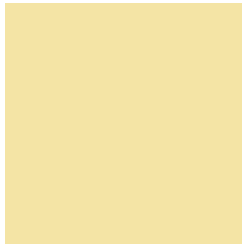
43.5100, 70.2476, -38.1583



13.7700, 22.2984, -12.0763

Previews

White Background



This preview shows how the YUV color 225.6020, -29.8768, 16.1350 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 225.6020, -29.8768, 16.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

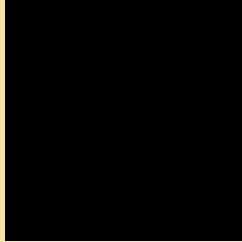
Any Text WCAG AA ✓ Pass

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 225.6020, -29.8768, 16.1350 Background



This preview shows how black text looks on a background with the YUV color 225.6020, -29.8768, 16.1350.



This preview shows how white text looks on a background with the YUV color 225.6020, -29.8768, 16.1350.

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

225.6020, -29.8768, 16.1350

Protanopia

225.9010, -30.0242, 16.7498

Deuteranopia

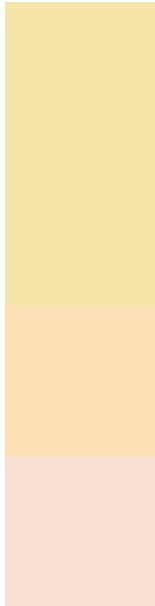
228.4470, -17.9684, 23.2870



Tritanopia

230.8050, 2.5611, 18.5880

Trichromacy



Original Color

225.6020, -29.8768, 16.1350

Protanomaly

225.9010, -30.0242, 16.7498

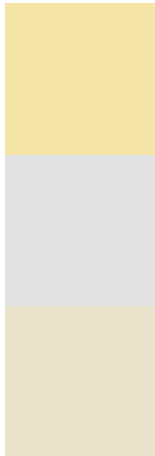
Deuteranomaly

227.2850, -22.3255, 20.7981

Tritanomaly

228.7050, -9.2216, 17.7987

Monochromacy



Original Color

225.6020, -29.8768, 16.1350

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.6020, -29.8768, 16.1350 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(244, 228, 165)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 165)  
}
```

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(244, 228, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 165) }
```

Border

The CSS property to change the border of an element to YUV 225.6020, -29.8768, 16.1350 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(244, 228, 165) }
```


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

```
.border{ border-color:rgb(244, 228, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 165);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 225.6020, -29.8768, 16.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 165) }
```

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

```
.background{ background-color: rgb(244,  
228, 165) }
```

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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