

Converting Colors

YUV(227.2020, -26.7216,
-15.9632)

Have a look what the booklet for
YUV(227.2020, -26.7216, -15.9632)
contains.

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Color

**YUV(227.2020, -26.7216,
-15.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F7AD
RGB	209, 247, 173
RGB Percent	82%, 97%, 68%
CMY	0.1804, 0.0314, 0.3216
CMYK	0.15, 0.00, 0.30, 0.03
HSL	91°, 82%, 82%
HSV	91°, 30%, 97%
XYZ	67.0981, 83.0940, 52.0375
YIQ	227.2020, 1.1060, -31.0700

Conversions

Conversions Part 2

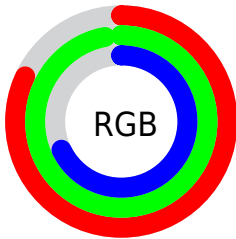
Format	Color
RYB	173, 247, 211
Decimal	13760429
CIELab	93.06, -24.86, 31.66
CIELCh	93, 40.254, 128.143
Yxy	83.0940, 0.3318, 0.4109
Android (android.graphics.Color)	4291950509 (0xFFD1F7AD)
YUV	227.2020, -26.7216, -15.9632
Hunter-Lab	91.1559, -28.1324, 29.9627

Details

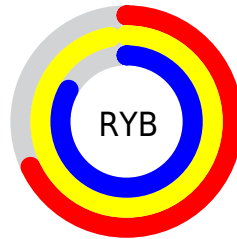
The YUV color **227.2020, -26.7216, -15.9632** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **192.7980, 26.7216, 15.9632**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0360, -11.3567, 2.5994**, and **171.8430, -25.5586, -15.6483** is the 20% darker color. If you saturate the color by 10%, you get **220.4650, -35.7252, -21.4558**, and if you desaturate by 10%, it is **233.9390, -17.7179, -10.4705**.

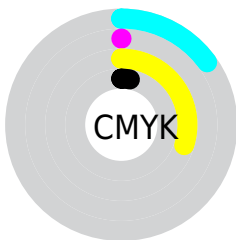
Distribution



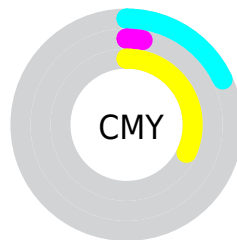
- Red (82%)
- Green (97%)
- Blue (68%)



- Red (68%)
- Yellow (97%)
- Blue (83%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.2020, -26.7216, -15.9632 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 227.2020, -26.7216, -15.9632 by changing the saturation by 10% instead.

■ 227.2020,
-26.7216, -15.9632

■ 227.2020,
-26.7216, -15.9632

255.0000, 0.0000,
0.0000

■ 198.7290,
-25.9954, -15.5483

■ 252.0360,
-11.3567, 2.5994

■ 171.8430,
-25.5586, -15.6483

■ 144.4840,
-24.3956, -15.3335

■ 118.5980,
-23.9588, -15.4334

■ 93.2390, -22.7958,
-15.1186

■ 69.2390, -22.7958,
-15.1186

■ 45.3530, -22.3590,

-15.2186

■ 24.6650, -12.1598,
-19.8772

■ 11.1530, -5.4984,
-9.7812

■ 227.2020,
-26.7216, -15.9632

■ 227.2020,
-26.7216, -15.9632

■ 220.4650,
-35.7252, -21.4558

■ 233.9390,
-17.7179, -10.4705

■ 214.1410,
-44.4395, -26.4337

■ 240.2630, -9.0037,
-5.4927

■ 207.4040,
-53.4432, -31.9263

■ 247.0000, 0.0000,
0.0000

■ 200.6670,
-62.4468, -37.4190

■ 250.3040, 2.3151,
4.1184

■ 194.3430,
-71.1611, -42.3968

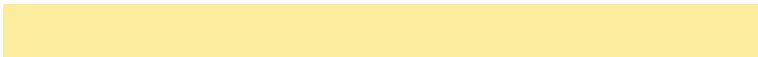
■ 187.6060,
-80.1648, -47.8895

■ 180.8690,
-89.1684, -53.3821

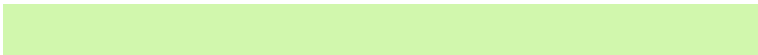
Harmonies

Analogous

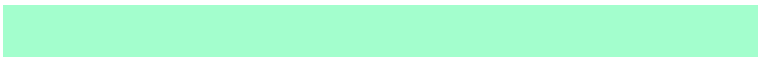
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8920, -36.4288, 17.6347



227.2020, -26.7216, -15.9632



221.2050, -7.9891, -51.0458

Triad

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



227.2020, -26.7216, -15.9632



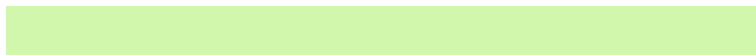
216.2180, 19.1195, -65.9662



222.9310, 1.5130, 28.1245

Complementary

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



227.2020, -26.7216, -15.9632



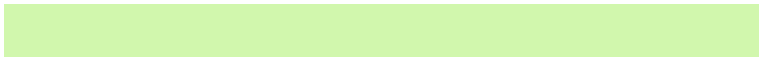
192.7980, 26.7216, 15.9632

Split Complementary

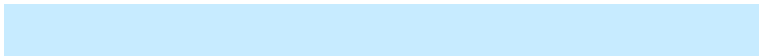
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5850, 13.0226, 23.1660



227.2020, -26.7216, -15.9632



226.5160, 14.0426, -24.1315

Square

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



227.2020, -26.7216, -15.9632



209.8620, 22.2530, -91.0870



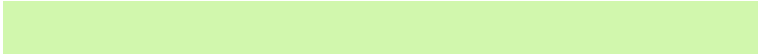
234.7430, 9.9867, 16.8884



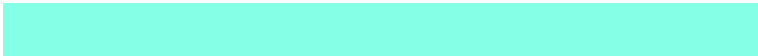
221.6480, -16.0955, 29.2497

Rectangle

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



227.2020, -26.7216, -15.9632



216.0850, 7.3531, -71.9885



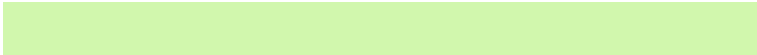
234.7430, 9.9867, 16.8884



224.4130, 7.1914, 26.8248

Sweetspot

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



227.2020, -26.7216, -15.9632



248.7900, -8.2775, -5.0778



216.8450, -21.6156, 26.4459



123.8980, -5.3727, -3.4185



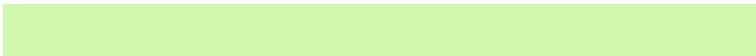
0.0000, 0.0000, 0.0000



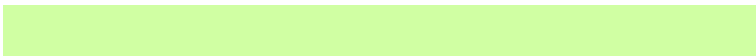
128.0000, 0.0000, 0.0000

Same Dimension

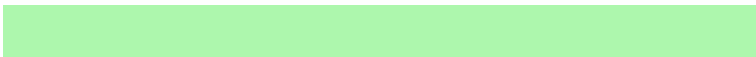
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.2020, -26.7216, -15.9632



230.4590, -33.2573, -19.6965



216.4380, -21.4149, -38.0951



118.8380, -4.3571, -2.4889



136.3910, -67.2408, -39.8079



43.3040, -21.3489, -12.5446

Inverse Universe

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



192.7980, 26.7216, 15.9632



187.5410, 33.2573, 19.6965



203.5620, 21.4149, 38.0951



113.1620, 4.3571, 2.4889



49.9080, 67.0934, 40.4227



15.6960, 21.3489, 12.5446

Previews

White Background



This preview shows how the YUV color 227.2020, -26.7216, -15.9632 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 227.2020, -26.7216, -15.9632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

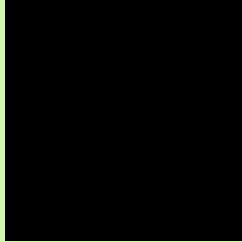
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

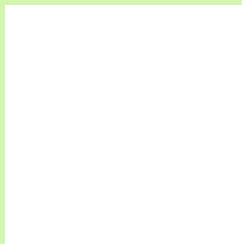
Any Text WCAG AAA ✓ Pass

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

YUV 227.2020, -26.7216, -15.9632 Background



This preview shows how black text looks on a background with the YUV color 227.2020, -26.7216, -15.9632.



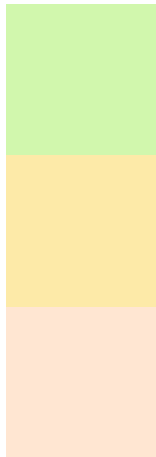
This preview shows how white text looks on a background with the YUV color 227.2020, -26.7216, -15.9632.

-15.9632.

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

227.2020, -26.7216, -15.9632

Protanopia

232.1570, -31.6294, 18.2793

Deuteranopia

235.1950, -12.4211, 17.3690



Tritanopia

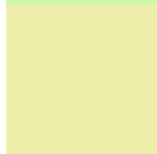
233.6810, 10.5103, -11.1212

Trichromacy



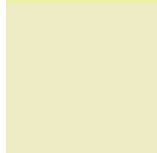
Original Color

227.2020, -26.7216, -15.9632



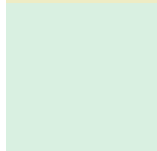
Protanomaly

230.5360, -29.8442, 5.6689



Deuteranomaly

232.1520, -17.3299, 5.1287



Tritanomaly

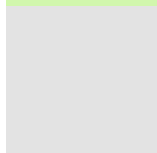
231.4130, -3.1616, -12.6402

Monochromacy



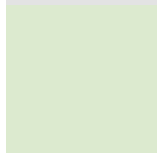
Original Color

227.2020, -26.7216, -15.9632



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.7360, -9.7298, -5.9075

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.2020, -26.7216, -15.9632 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(209, 247, 173)` looks like.

```
.text, #text, p{  
    color:rgb(209, 247, 173)  
}
```

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(209, 247, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 247, 173) }
```

Border

The CSS property to change the border of an element to YUV 227.2020, -26.7216, -15.9632 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(209, 247, 173) }
```


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

```
.border{ border-color:rgb(209, 247, 173) }
```

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

Here you see how a box with a 4 pixel rgb(209, 247, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 247, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 247, 173);  
box-shadow:4px 4px 4px 4px rgb(209, 247,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 227.2020, -26.7216, -15.9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 247, 173) }
```

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

```
.background{ background-color: rgb(209,  
247, 173) }
```

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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