

# Converting Colors

YUV(226.1020, -105.5523,  
21.8355)

Have a look what the booklet for  
YUV(226.1020, -105.5523, 21.8355)  
contains.

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# Color

**YUV(226.1020, -105.5523,  
21.8355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBFF0C
RGB	251, 255, 12
RGB Percent	98%, 100%, 5%
CMY	0.0157, 0.0000, 0.9529
CMYK	0.02, 0.00, 0.95, 0.00
HSL	61°, 100%, 52%
HSV	61°, 95%, 100%
XYZ	75.6100, 92.0558, 14.1313
YIQ	226.1020, 75.6190, -76.4210

# Conversions

## Conversions Part 2

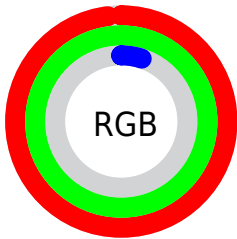
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	12, 255, 16
Decimal	16514828
CIE Lab	96.84, -23.11, 93.30
CIE LCh	97, 96.116, 103.910
Yxy	92.0558, 0.4159, 0.5064
Android (android.graphics.Color)	4294704908 (0xFFFBFF0C)
YUV	226.1020, -105.5523, 21.8355
Hunter-Lab	95.9457, -27.2380, 58.4295

# Details

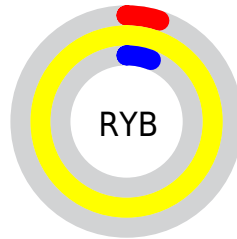
The YUV color **226.1020, -105.5523, 21.8355** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **40.8980, 105.5523, -21.8355**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2160, -68.1405, 15.5966**, and **173.6230, -85.5961, 14.3626** is the 20% darker color. If you saturate the color by 10%, you get **224.7340, -110.7939, 23.0353**, and if you desaturate by 10%, it is **229.0660, -94.1955, 19.2361**.

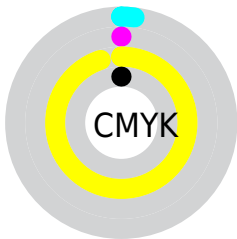
# Distribution



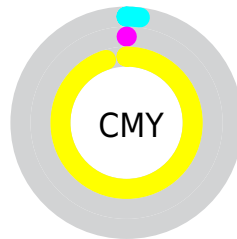
- Red (98%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (6%)



- Cyan (2%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.1020, -105.5523, 21.8355 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 226.1020, -105.5523, 21.8355 by changing the saturation by 10% instead.



226.1020,  
-105.5523, 21.8355

226.1020,  
-105.5523, 21.8355

255.0000, 0.0000,  
0.0000

198.4420,  
-97.8319, 18.9064

237.2160,  
-68.1405, 15.5966

173.6230,  
-85.5961, 14.3626

240.7500,  
-54.5998, 12.4972

148.2170,  
-73.0710, 10.3337

244.1700,  
-41.4958, 9.4979

123.9850,  
-61.1246, 5.2752

247.5900,  
-28.3919, 6.4986

100.6390,  
-49.6150, 0.3166

251.0100,  
-15.2879, 3.4992

77.5920, -38.2529,  
-4.0272

254.5440, -1.7472,

55.1320, -27.1801,

0.3999

-8.8858

■ 34.1450, -16.8335,  
-14.1592

■ 17.6100, -8.6817,  
-15.4440

■ 226.1020,  
-105.5523, 21.8355

■ 226.1020,  
-105.5523, 21.8355

■ 224.7340,  
-110.7939, 23.0353

■ 229.0660,  
-94.1955, 19.2361

■ 232.2150,  
-83.4230, 17.3514

■ 235.1790,  
-72.0662, 14.7520

■ 238.3280,  
-61.2937, 12.8673

■ 241.2920,  
-49.9370, 10.2679

■ 244.4410,  
-39.1644, 8.3832

■ 247.4050,  
-27.8077, 5.7838

■ 250.2550,  
-16.8877, 3.2844

■ 253.5180, -5.6784,  
1.2997

# Harmonies

## Analogous

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



211.9340, -83.7775, 37.7689



226.1020, -105.5523, 21.8355



203.8420, -51.1941, -53.3584

# Triad

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



226.1020, -105.5523, 21.8355



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763

# Complementary

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



226.1020, -105.5523, 21.8355



40.8980, 105.5523, -21.8355

# 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.



223.3020, 15.6271, 27.7991



226.1020, -105.5523, 21.8355



178.7550, 37.5888, -156.7681

# Square

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



226.1020, -105.5523, 21.8355



178.7550, 37.5888, -156.7681



210.2930, 22.0406, -69.5400



189.5400, 8.1148, 57.4084



# Rectangle

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



226.1020, -105.5523, 21.8355



167.8110, -4.3438, -147.1702



210.2930, 22.0406, -69.5400



206.8660, 23.7301, 42.2135

# Sweetspot

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



226.1020, -105.5523, 21.8355



246.2650, -32.1756, 6.7836



84.6570, -35.8199, 149.3908



122.5710, -19.5085, 3.8842



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.



226.1020, -105.5523, 21.8355



224.7340, -110.7939, 23.0353



191.1190, -88.3057, -50.0934



126.2190, -5.5310, 0.6849



168.3290, -82.9862, 17.2515



56.4050, -27.8077, 5.7838



# Inverse Universe

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



40.8980, 105.5523, -21.8355



30.2660, 110.7939, -23.0353



76.1800, 88.1583, 50.7081



116.4820, 5.6784, -1.2997



22.6710, 82.9862, -17.2515

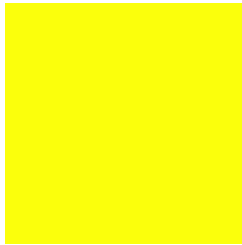


7.5950, 27.8077, -5.7838



# Previews

## White Background



This preview shows how the YUV color 226.1020, -105.5523, 21.8355 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

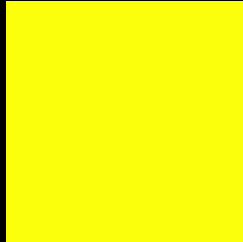
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.1020, -105.5523, 21.8355 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 226.1020, -105.5523, 21.8355 Background



This preview shows how black text looks on a background with the YUV color 226.1020, -105.5523, 21.8355.



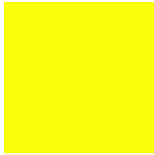
This preview shows how white text looks on a background with the YUV color 226.1020, -105.5523, 21.8355.



# 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



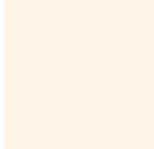
### Original Color

226.1020, -105.5523, 21.8355



### Protanopia

244.7010, -16.6146, 9.0322



### Deuteranopia

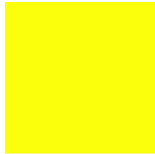
245.8070, -7.2999, 8.0623



## **Tritanopia**

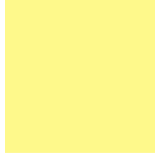
246.7990, 1.5781, 7.1923

# Trichromacy



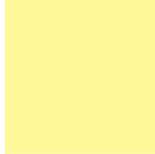
## Original Color

226.1020, -105.5523, 21.8355



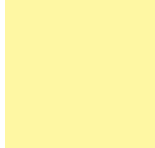
## Protanomaly

237.9550, -48.7848, 14.0715



## Deuteranomaly

238.7360, -43.2538, 13.3865



## Tritanomaly

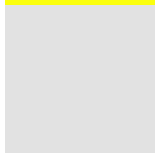
239.5170, -37.7229, 12.7016

# Monochromacy



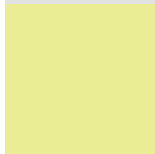
## Original Color

226.1020, -105.5523, 21.8355



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.2560, -38.5802, 7.6685

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.1020, -105.5523, 21.8355 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(251, 255, 12)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 12)  
}
```

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(251, 255, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 12) }
```

## Border

The CSS property to change the border of an element to YUV 226.1020, -105.5523, 21.8355 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(251, 255, 12) }
```



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

```
.border{ border-color:rgb(251, 255, 12) }
```

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

Here you see how a box with a 4 pixel rgb(251, 255, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 12);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 226.1020, -105.5523, 21.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 12) }
```

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

```
.background{ background-color: rgb(251,  
255, 12) }
```

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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