

Converting Colors

YUV(222.7920, -105.3995,
19.4764)

Have a look what the booklet for
YUV(222.7920, -105.3995, 19.4764)
contains.

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Color

**YUV(222.7920, -105.3995,
19.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FD09
RGB	245, 253, 9
RGB Percent	96%, 99%, 4%
CMY	0.0392, 0.0078, 0.9647
CMYK	0.03, 0.00, 0.96, 0.01
HSL	62°, 98%, 51%
HSV	62°, 96%, 99%
XYZ	72.8308, 89.6828, 13.7304
YIQ	222.7920, 73.5560, -77.5800

Conversions

Conversions Part 2

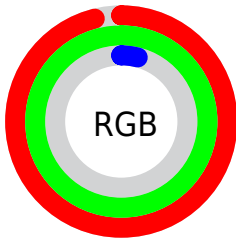
Format	Color
RYB	9, 253, 17
Decimal	16121097
CIELab	95.87, -24.64, 92.58
CIELCh	96, 95.800, 104.902
Yxy	89.6828, 0.4132, 0.5089
Android (android.graphics.Color)	4294311177 (0xFFFF5FD09)
YUV	222.7920, -105.3995, 19.4764
Hunter-Lab	94.7010, -28.4494, 57.6944

Details

The YUV color **222.7920, -105.3995, 19.4764** 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 **39.2080, 105.3995, -19.4764**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9880, -69.0141, 15.7965**, and **170.6550, -84.1329, 11.7036** is the 20% darker color. If you saturate the color by 10%, you get **221.7660, -109.3306, 20.3762**, and if you desaturate by 10%, it is **225.9410, -94.6269, 17.5917**.

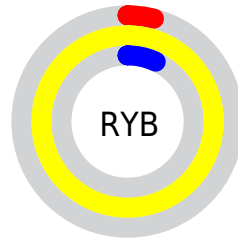
Distribution



Red (96%)

Green (99%)

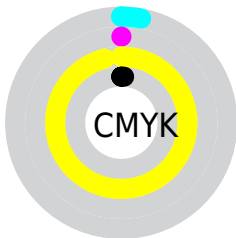
Blue (4%)



Red (4%)

Yellow (99%)

Blue (7%)

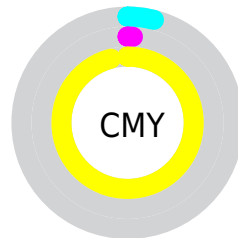


Cyan (3%)

Magenta (0%)

Yellow (96%)

Black (1%)



Cyan (4%)

Magenta (1%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7920, -105.3995, 19.4764 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 222.7920, -105.3995, 19.4764 by changing the saturation by 10% instead.

222.7920,
-105.3995, 19.4764

222.7920,
-105.3995, 19.4764

255.0000, 0.0000,
0.0000

195.4740,
-96.3687, 16.2473

236.9880,
-69.0141, 15.7965

170.6550,
-84.1329, 11.7036

240.6360,
-55.0365, 12.5972

145.8360,
-71.8971, 7.1598

244.0560,
-41.9326, 9.5979

121.3160,
-59.8088, 3.2309

247.4760,
-28.8287, 6.5985

97.9700, -48.2992,
-1.7277

250.8960,
-15.7247, 3.5992

74.6240, -36.7896,
-6.6862

254.4300, -2.1840,

52.4630, -25.8643,

0.4999

-10.9301

■ 30.8780, -15.2229,
-17.4330

■ 17.0230, -8.3923,
-14.9292

■ 222.7920,
-105.3995, 19.4764

■ 222.7920,
-105.3995, 19.4764

■ 221.7660,
-109.3306, 20.3762

■ 225.9410,
-94.6269, 17.5917

■ 229.2040,
-83.4176, 15.6071

■ 232.0540,
-72.4976, 13.1076

■ 235.2030,
-61.7251, 11.2230

■ 238.4660,
-50.5157, 9.2383

■ 241.6150,
-39.7432, 7.3536

■ 244.7640,
-28.9707, 5.4690

■ 247.9130,
-18.1981, 3.5843

■ 250.8770, -6.8414,
0.9849

Harmonies

Analogous

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



210.6630, -86.1089, 38.8835



222.7920, -105.3995, 19.4764



201.7490, -50.1623, -57.6619

Triad

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



222.7920, -105.3995, 19.4764



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355

Complementary

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



222.7920, -105.3995, 19.4764



39.2080, 105.3995, -19.4764

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.



220.9540, 16.7847, 29.8583



222.7920, -105.3995, 19.4764



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.



222.7920, -105.3995, 19.4764



178.7550, 37.5888, -156.7681



209.7390, 22.3137, -63.7921



187.7960, 6.5096, 58.9379

Rectangle

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



222.7920, -105.3995, 19.4764



167.9250, -3.9070, -147.2702



209.7390, 22.3137, -63.7921



204.5180, 24.8876, 44.2727

Sweetspot

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



222.7920, -105.3995, 19.4764



245.9660, -32.0282, 6.1688



84.3040, -37.1249, 147.9464



122.2720, -19.3611, 3.2695



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.



222.7920, -105.3995, 19.4764



223.5380, -110.2042, 20.5762



187.5100, -88.0054, -53.0673



126.2190, -5.5310, 0.6849



167.4320, -82.5440, 15.4071



56.1060, -27.6603, 5.1690

Inverse Universe

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



39.2080, 105.3995, -19.4764



31.4620, 110.2042, -20.5762



74.4900, 88.0054, 53.0673



116.4820, 5.6784, -1.2997



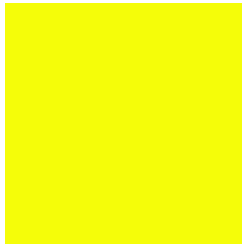
23.5680, 82.5440, -15.4071



7.8940, 27.6603, -5.1690

Previews

White Background



This preview shows how the YUV color 222.7920, -105.3995, 19.4764 looks on a white background.

Color Contrast Check

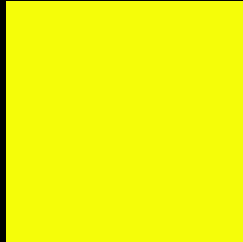
Large Text (above 18pt) WCAG AA × Fail

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 222.7920, -105.3995, 19.4764 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 222.7920, -105.3995, 19.4764 Background



This preview shows how black text looks on a background with the YUV color 222.7920, -105.3995, 19.4764.

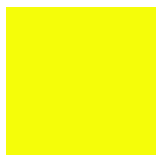


This preview shows how white text looks on a background with the YUV color 222.7920, -105.3995,

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



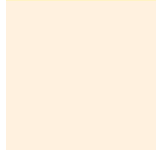
Original Color

222.7920, -105.3995, 19.4764



Protanopia

241.2300, -22.2984, 12.0763



Deuteranopia

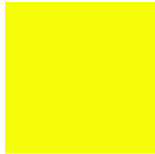
243.1340, -9.9261, 10.4065



Tritanopia

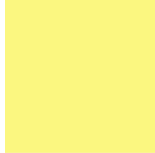
244.4510, 2.7357, 9.2515

Trichromacy



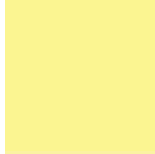
Original Color

222.7920, -105.3995, 19.4764



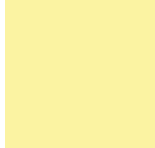
Protanomaly

234.6300, -52.5686, 14.3565



Deuteranomaly

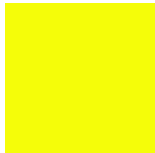
235.3940, -44.5642, 13.6865



Tritanomaly

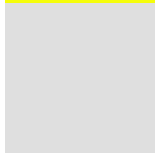
236.1580, -36.5599, 13.0164

Monochromacy



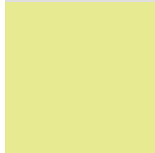
Original Color

222.7920, -105.3995, 19.4764



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

222.9570, -38.4328, 7.0537

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7920, -105.3995, 19.4764 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(245, 253, 9)` looks like.

```
.text, #text, p{  
    color:rgb(245, 253, 9)  
}
```

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(245, 253, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 253, 9) }
```

Border

The CSS property to change the border of an element to YUV 222.7920, -105.3995, 19.4764 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(245, 253, 9) }
```


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

```
.border{ border-color:rgb(245, 253, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 253, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 253, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 253, 9);  
box-shadow:4px 4px 4px 4px rgb(245, 253,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 222.7920, -105.3995, 19.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 253, 9) }
```

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

```
.background{ background-color: rgb(245,  
253, 9) }
```

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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