

Converting Colors

YUV(190.7900, -25.5325,
-70.8528)

Have a look what the booklet for
YUV(190.7900, -25.5325, -70.8528)
contains.

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Color

**YUV(190.7900, -25.5325,
-70.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	6EF28B
RGB	110, 242, 139
RGB Percent	43%, 95%, 55%
CMY	0.5686, 0.0510, 0.4549
CMYK	0.55, 0.00, 0.43, 0.05
HSL	133°, 84%, 69%
HSV	133°, 55%, 95%
XYZ	42.8427, 68.6833, 35.4253
YIQ	190.7900, -45.6090, -60.0170

Conversions

Conversions Part 2

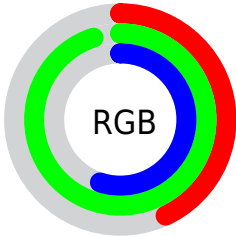
Format	Color
RYB	110, 218, 242
Decimal	7271051
CIELab	86.35, -57.78, 38.90
CIELCh	86, 69.659, 146.048
Yxy	68.6833, 0.2915, 0.4674
Android (android.graphics.Color)	4285461131 (0xFF6EF28B)
YUV	190.7900, -25.5325, -70.8528
Hunter-Lab	82.8754, -52.7558, 32.6692

Details

The YUV color **190.7900, -25.5325, -70.8528** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **161.2100, 25.5325, 70.8528**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6310, -14.1151, -46.1574**, and **130.7720, -21.5796, -78.7300** is the 20% darker color. If you saturate the color by 10%, you get **181.4480, -30.2939, -83.7079**, and if you desaturate by 10%, it is **200.1320, -20.7711, -57.9978**.

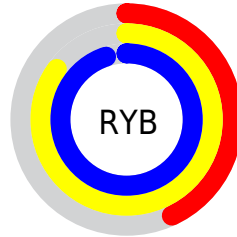
Distribution



Red (43%)

Green (95%)

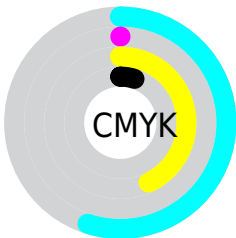
Blue (55%)



Red (43%)

Yellow (85%)

Blue (95%)

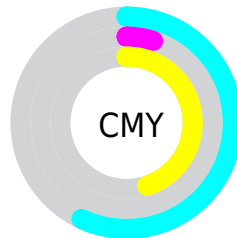


Cyan (55%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (57%)

Magenta (5%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7900, -25.5325, -70.8528 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 190.7900, -25.5325, -70.8528 by changing the saturation by 10% instead.

■ 190.7900,
-25.5325, -70.8528

■ 190.7900,
-25.5325, -70.8528

■ 255.0000, 0.0000,
0.0000

■ 161.2350,
-23.7799, -72.9971

■ 222.6310,
-14.1151, -46.1574

■ 130.7720,
-21.5796, -78.7300

■ 234.7930, -6.3069,
-30.5135

■ 99.2270, -18.3529,
-87.0221

■ 247.0690, 1.9380,
-14.9695

■ 80.5280, -21.4593,
-70.6231

■ 62.0740, -26.1655,
-54.4389

■ 45.7860, -22.5725,
-40.1543

■ 32.2850, -15.9165,

-28.3139

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 190.7900,
-25.5325, -70.8528

■ 190.7900,
-25.5325, -70.8528

■ 181.4480,
-30.2939, -83.7079

■ 200.1320,
-20.7711, -57.9978

■ 172.1060,
-35.0553, -96.5630


■ 209.4740,
-16.0097, -45.1427

■ 162.4650,
-39.6692, -110.0328


■ 219.1150,
-11.3957, -31.6729

■ 153.1230,
-44.4306, -122.8879

■ 228.4570, -6.6343,
-18.8178

 148.0960,
-46.8823, -129.8802

 237.6850, -2.3097,
-5.8627

 247.0270, 2.4517,
6.9923

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



203.2870, -55.8505, -6.3907



190.7900, -25.5325, -70.8528



168.9460, 17.7746, -148.1656

Triad

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



190.7900, -25.5325, -70.8528



161.7320, 45.9811, -141.8390



190.3940, -13.9982, 56.6595

Complementary

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



190.7900, -25.5325, -70.8528



161.2100, 25.5325, 70.8528

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.



194.9830, 16.2774, 52.6349



190.7900, -25.5325, -70.8528



208.6400, 22.8555, -4.0693

Square

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



190.7900, -25.5325, -70.8528



170.5370, 41.6403, -149.5609



208.0400, 23.1513, 41.1839



197.0380, -44.3887, 50.8327

Rectangle

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



190.7900, -25.5325, -70.8528



174.7770, 37.5779, -153.2794



208.0400, 23.1513, 41.1839



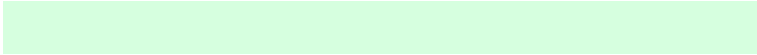
189.8530, -3.3785, 57.1339

Sweetspot

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



190.7900, -25.5325, -70.8528



239.0930, -7.9338, -22.0066



218.2810, -53.3825, -4.6314



118.3590, -4.6140, -13.4698



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.



190.7900, -25.5325, -70.8528



190.6600, -31.8774, -89.1558



198.3140, 3.2962, -77.4514



115.2720, -2.5991, -6.3775



112.5680, -35.7760, -98.7221



34.2400, -10.9643, -30.0285

Inverse Universe

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



161.2100, 25.5325, 70.8528



153.4540, 32.3142, 89.0558



153.6860, -3.2962, 77.4514



112.6140, 2.1623, 6.4775



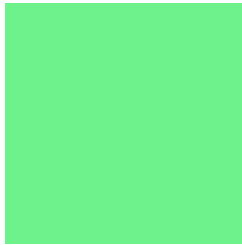
71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 190.7900, -25.5325, -70.8528 looks on a white background.

Color Contrast Check

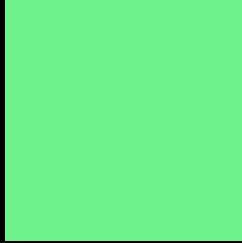
Large Text (above 18pt) WCAG AA × Fail

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 190.7900, -25.5325, -70.8528 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

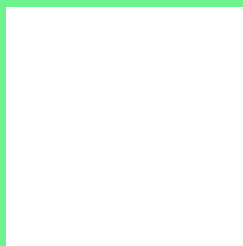
Any Text WCAG AAA ✓ Pass

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

YUV 190.7900, -25.5325, -70.8528 Background



This preview shows how black text looks on a background with the YUV color 190.7900, -25.5325, -70.8528.



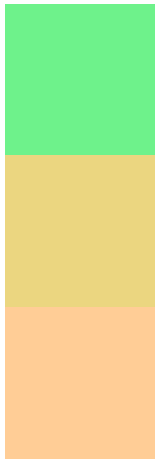
This preview shows how white text looks on a background with the YUV color 190.7900, -25.5325, -70.8528.

-70.8528.

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

190.7900, -25.5325, -70.8528

Protanopia

210.4750, -40.6602, 21.5084

Deuteranopia

213.6800, -31.3942, 36.2376



Tritanopia

203.6580, 21.8606, -58.4591

Trichromacy



Original Color

190.7900, -25.5325, -70.8528



Protanomaly

203.3460, -35.1736, -11.7044



Deuteranomaly

205.0080, -29.0909, -2.6380



Tritanomaly

199.0430, 4.4158, -63.1817

Monochromacy



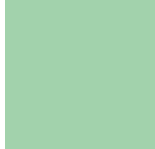
Original Color

190.7900, -25.5325, -70.8528



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.3160, -9.5228, -25.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7900, -25.5325, -70.8528 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(110, 242, 139)` looks like.

```
.text, #text, p{  
    color:rgb(110, 242, 139)  
}
```

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(110, 242, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 242, 139) }
```

Border

The CSS property to change the border of an element to YUV 190.7900, -25.5325, -70.8528 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(110, 242, 139) }
```


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

```
.border{ border-color:rgb(110, 242, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 242, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 242, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 242, 139);  
box-shadow:4px 4px 4px 4px rgb(110, 242,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 190.7900, -25.5325, -70.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 242, 139) }
```

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

```
.background{ background-color: rgb(110,  
242, 139) }
```

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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