

# Converting Colors

YUV(190.8470, 25.2184,  
-62.1328)

Have a look what the booklet for  
YUV(190.8470, 25.2184, -62.1328)  
contains.

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# Color

**YUV(190.8470, 25.2184,  
-62.1328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78D9F2
RGB	120, 217, 242
RGB Percent	47%, 85%, 95%
CMY	0.5294, 0.1490, 0.0510
CMYK	0.50, 0.10, 0.00, 0.05
HSL	192°, 82%, 71%
HSV	192°, 50%, 95%
XYZ	48.5856, 60.0296, 93.0305
YIQ	190.8470, -65.8370, -12.7890

# Conversions

## Conversions Part 2

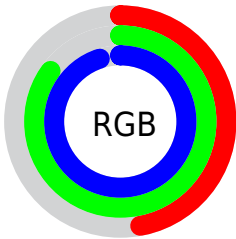
Format	Color
R <sub>Y</sub> B	120, 174, 242
Decimal	7920114
CIE Lab	81.85, -22.00, -21.07
CIE LCh	82, 30.460, 223.757
Yxy	60.0296, 0.2409, 0.2977
Android (android.graphics.Color)	4286110194 (0xFF78D9F2)
YUV	190.8470, 25.2184, -62.1328
Hunter-Lab	77.4788, -23.6536, -16.9557

# Details

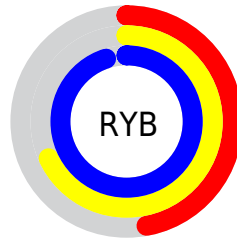
The YUV color **190.8470, 25.2184, -62.1328** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **171.1530, -25.2184, 62.1328**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **133.3410, 25.9609, -66.9511** is the 20% darker color. If you saturate the color by 10%, you get **180.7360, 30.2032, -74.3135**, and if you desaturate by 10%, it is **200.9580, 20.2337, -49.9522**.

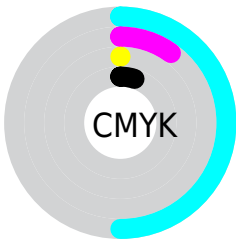
# Distribution



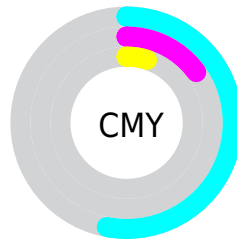
- Red (47%)
- Green (85%)
- Blue (95%)



- Red (47%)
- Yellow (68%)
- Blue (95%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (15%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.8470, 25.2184, -62.1328 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 190.8470, 25.2184, -62.1328 by changing the saturation by 10% instead.



190.8470, 25.2184,  
-62.1328

190.8470, 25.2184,  
-62.1328

255.0000, 0.0000,  
0.0000

162.2490, 25.5132,  
-63.3624

232.2760, 11.2029,  
-46.7231

133.3410, 25.9609,  
-66.9511

241.2460, 6.7807,  
-28.2797

99.1540, 29.5041,  
-83.4501

250.2160, 2.3585,  
-9.8364

79.7320, 26.2611,  
-69.9250

62.0930, 22.1392,  
-54.4556

45.8560, 18.3120,  
-40.2157

30.3200, 14.6322,

-26.5906

■ 13.1370, 12.2575,  
-11.5211

■ 2.4110, 6.6994,  
-2.1144

■ 190.8470, 25.2184,  
-62.1328

■ 190.8470, 25.2184,  
-62.1328

■ 180.7360, 30.2032,  
-74.3135

■ 200.9580, 20.2337,  
-49.9522

■ 170.6250, 35.1879,  
-86.4941

■ 211.0690, 15.2490,  
-37.7715

■ 160.2150, 40.3200,  
-99.2896

■ 221.4790, 10.1169,  
-24.9761

■ 150.1040, 45.3047,  
-111.4702

■ 231.5900, 5.1321,  
-12.7954

■ 140.2920, 50.1420,  
-123.0361

■ 241.7010, 0.1474,  
-0.6148

■ 248.8220, -3.3632,  
5.4181

■ 251.7570, -4.8102,  
2.8441

■ 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.



190.2420, 12.6987, -59.8482



190.8470, 25.2184, -62.1328



196.8800, 28.6532, -43.7448

# Triad

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



190.8470, 25.2184, -62.1328



207.8380, 5.9959, 36.9761



200.8830, -26.0713, 8.8726

# Complementary

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



190.8470, 25.2184, -62.1328



171.1530, -25.2184, 62.1328

# 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.



203.2000, -26.7206, 30.5196



190.8470, 25.2184, -62.1328



205.4400, -7.1189, 43.4641

# Square

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



190.8470, 25.2184, -62.1328



207.6100, 18.4333, 14.3740



205.4110, -19.9226, 43.4896



197.6070, -17.5543, -16.3183



# Rectangle

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



190.8470, 25.2184, -62.1328



201.1320, 26.5569, -24.6718



205.4110, -19.9226, 43.4896



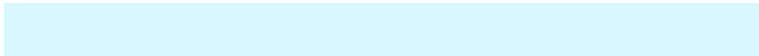
201.8840, -27.5508, 16.7647

# Sweetspot

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



190.8470, 25.2184, -62.1328



238.9420, 7.9166, -19.2431



194.3500, -24.8225, -65.2049



118.1880, 4.8373, -11.5659



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.



190.8470, 25.2184, -62.1328



191.0560, 31.5244, -78.1021



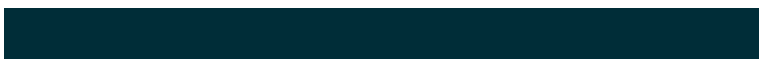
155.6270, 42.5819, -31.2449



114.6510, 2.6371, -5.8329



106.6780, 38.1197, -93.5566



32.7990, 11.4381, -28.7647



# Inverse Universe

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



167.5360, 24.3858, 65.3049



161.6550, 30.7361, 81.8636



206.3730, -42.5819, 31.2449



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222

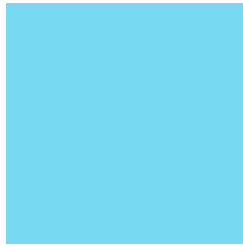


21.8740, 11.4011, 29.9285



# Previews

## White Background



This preview shows how the YUV color 190.8470, 25.2184, -62.1328 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

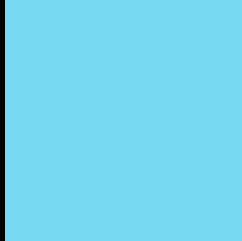
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.8470, 25.2184, -62.1328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

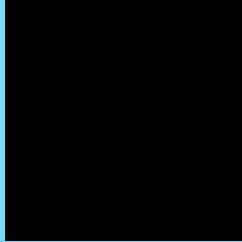
Any Text WCAG AA ✓ Pass

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 190.8470, 25.2184, -62.1328 Background



This preview shows how black text looks on a background with the YUV color 190.8470, 25.2184, -62.1328.



This preview shows how white text looks on a background with the YUV color 190.8470, 25.2184, -62.1328.

-62.1328.

# 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

190.8470, 25.2184, -62.1328

### Protanopia

203.2240, 13.6936, -5.4584

### Deuteranopia

204.0700, 20.6715, -3.5694



## Tritanopia

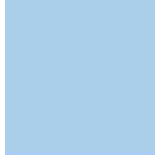
190.1520, 22.6031, -63.2773

# Trichromacy



## Original Color

190.8470, 25.2184, -62.1328



## Protanomaly

198.8300, 17.8318, -26.1609



## Deuteranomaly

199.3940, 22.4838, -24.9015



## Tritanomaly

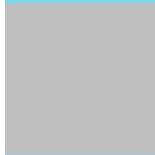
190.6790, 23.3293, -62.8625

# Monochromacy



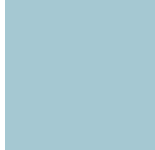
## Original Color

190.8470, 25.2184, -62.1328



## Achromatopsia

191.0000, 0.0000, 0.0000



## Achromatomaly

190.6750, 9.5272, -22.5170

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.8470, 25.2184, -62.1328 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(120, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 217, 242)  
}
```

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(120, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 217, 242) }
```

## Border

The CSS property to change the border of an element to YUV 190.8470, 25.2184, -62.1328 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(120, 217, 242) }
```



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

```
.border{ border-color:rgb(120, 217, 242) }
```

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

Here you see how a box with a 4 pixel rgb(120, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(120, 217,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 190.8470, 25.2184, -62.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 217, 242) }
```

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

```
.background{ background-color: rgb(120,  
217, 242) }
```

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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