

Converting Colors

YUV(190.0920, 17.2096,
-13.2357)

Have a look what the booklet for
YUV(190.0920, 17.2096, -13.2357)
contains.

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Color

**YUV(190.0920, 17.2096,
-13.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBFE1
RGB	175, 191, 225
RGB Percent	69%, 75%, 88%
CMY	0.3137, 0.2510, 0.1176
CMYK	0.22, 0.15, 0.00, 0.12
HSL	221°, 45%, 78%
HSV	221°, 22%, 88%
XYZ	49.9006, 51.8118, 78.6048
YIQ	190.0920, -20.4500, 7.1820

Conversions

Conversions Part 2

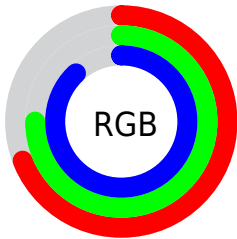
Format	Color
R_{YB}	175, 187, 225
Decimal	11517921
CIE Lab	77.17, 1.77, -18.78
CIE LCh	77, 18.864, 275.392
Yxy	51.8118, 0.2767, 0.2873
Android (android.graphics.Color)	4289708001 (0xFFAFBFE1)
YUV	190.0920, 17.2096, -13.2357
Hunter-Lab	71.9804, -2.2202, -14.3602

Details

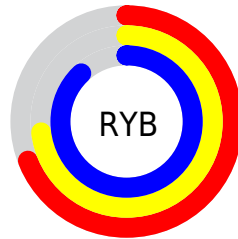
The YUV color $190.0920, 17.2096, -13.2357$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $209.9080, -17.2096, 13.2357$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1280, 5.8529, -10.6363$, and $136.8640, 16.3360, -13.0357$ is the 20% darker color. If you saturate the color by 10%, you get $174.7090, 24.7935, -19.0388$, and if you desaturate by 10%, it is $205.4750, 9.6258, -7.4326$.

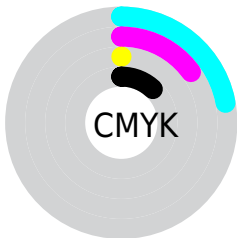
Distribution



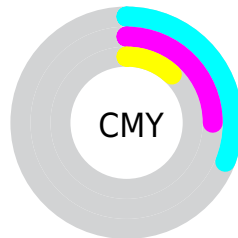
- Red (69%)
- Green (75%)
- Blue (88%)



- Red (69%)
- Yellow (73%)
- Blue (88%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0920, 17.2096, -13.2357 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 190.0920, 17.2096, -13.2357 by changing the saturation by 10% instead.

■ 190.0920, 17.2096,
-13.2357

■ 190.0920, 17.2096,
-13.2357

255.0000, 0.0000,
0.0000

■ 162.9780, 16.7728,
-13.1357

■ 243.1280, 5.8529,
-10.6363

■ 136.8640, 16.3360,
-13.0357

■ 110.7500, 15.8993,
-12.9358

■ 86.5220, 15.0257,
-12.7358

■ 63.1090, 14.7363,
-13.2506

■ 40.2830, 14.1575,
-14.2802

■ 18.8590, 13.8735,

-16.5393

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 190.0920, 17.2096,
-13.2357

■ 190.0920, 17.2096,
-13.2357

■ 174.7090, 24.7935,
-19.0388

■ 205.4750, 9.6258,
-7.4326

■ 158.4400, 32.8141,
-24.9419

■ 221.7440, 1.6052,
-1.5295

■ 143.0570, 40.3979,
-30.7450

■ 237.4260, -6.1260,
4.8884

■ 127.3750, 48.1291,
-37.1629

■ 249.8190,
-12.2358, 4.5437

■ 111.9920, 55.7129,
-42.9660

■ 251.5800,
-13.1039, 2.9993

■ 95.7230, 63.7336,
-48.8691

■ 80.3400, 71.3174,
-54.6722

■ 67.9140, 77.4434,
-59.5606

Harmonies

Analogous

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



186.7050, 17.4004, -27.8053



190.0920, 17.2096, -13.2357



192.7630, 12.9348, 4.5928

Triad

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



190.0920, 17.2096, -13.2357



192.7280, -10.7119, 29.1795



185.2010, -5.0291, -20.3473

Complementary

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



190.0920, 17.2096, -13.2357



209.9080, -17.2096, 13.2357

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.



187.6390, -12.6400, -5.8224



190.0920, 17.2096, -13.2357



191.6040, -16.0738, 22.2723

Square

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



190.0920, 17.2096, -13.2357



193.4920, -2.7076, 28.5095



189.4130, -16.4726, 10.1618



184.2410, 4.3182, -31.7834

Rectangle

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



190.0920, 17.2096, -13.2357



193.9770, 8.3923, 14.9292



189.4130, -16.4726, 10.1618



185.8380, -7.8081, -15.6439

Sweetspot

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



190.0920, 17.2096, -13.2357



242.5740, 6.1260, -4.8884



208.1120, -0.0552, -29.0392



120.6020, 3.6472, -3.1590



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.



190.0920, 17.2096, -13.2357



206.7800, 23.7725, -18.2241



183.0920, 20.6606, -0.0807



104.6020, 3.6472, -3.1590



52.9360, 60.6706, -46.4249



14.8640, 16.3360, -13.0357

Inverse Universe

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



191.7740, -0.3816, 29.1392



209.1390, -0.5615, 40.2201



216.9080, -20.6606, 0.0807



104.7450, 0.1257, 6.3626



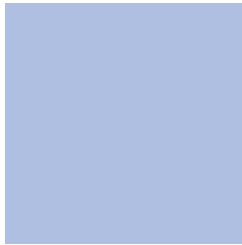
59.0080, -1.4829, 102.6020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 190.0920, 17.2096, -13.2357 looks on a white background.

Color Contrast Check

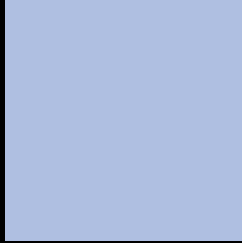
Large Text (above 18pt) WCAG AA × Fail

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 190.0920, 17.2096, -13.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

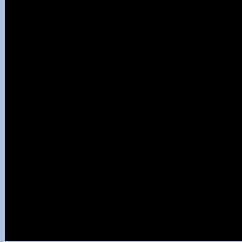
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0920, 17.2096, -13.2357

Background



This preview shows how black text looks on a background with the YUV color 190.0920, 17.2096, -13.2357.



This preview shows how white text looks on a background with the YUV color 190.0920, 17.2096, -13.2357.

-13.2357.

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

190.0920, 17.2096, -13.2357

Protanopia

191.3810, 15.5882, -6.4731

Deuteranopia

192.0550, 16.7349, -0.9252



Tritanopia

189.1320, 9.7949, -15.0248

Trichromacy



Original Color

190.0920, 17.2096, -13.2357

Protanomaly

191.1850, 16.1778, -8.9322

Deuteranomaly

191.4350, 17.0405, -5.6435

Tritanomaly

189.5280, 12.5577, -14.4951

Monochromacy



Original Color

190.0920, 17.2096, -13.2357

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0920, 17.2096, -13.2357 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(175, 191, 225)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 225)  
}
```

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(175, 191, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 225) }
```

Border

The CSS property to change the border of an element to YUV 190.0920, 17.2096, -13.2357 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(175, 191, 225) }
```


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

```
.border{ border-color:rgb(175, 191, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 191, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 191, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 191, 225);  
box-shadow:4px 4px 4px 4px rgb(175, 191,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 190.0920, 17.2096, -13.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 225) }
```

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

```
.background{ background-color: rgb(175,  
191, 225) }
```

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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