

Converting Colors

YUV(21.6100, -5.2307, -2.2890)

Have a look what the booklet for
YUV(21.6100, -5.2307, -2.2890)
contains.

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Color

**YUV(21.6100, -5.2307,
-2.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	13190B
RGB	19, 25, 11
RGB Percent	7%, 10%, 4%
CMY	0.9255, 0.9020, 0.9569
CMYK	0.24, 0.00, 0.56, 0.90
HSL	86°, 39%, 7%
HSV	86°, 56%, 10%
XYZ	0.6766, 0.8579, 0.4465
YIQ	21.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

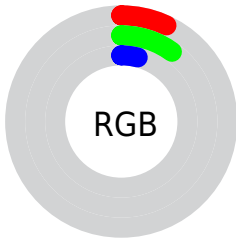
Format	Color
RYB	11, 25, 17
Decimal	1251595
CIELab	7.75, -5.69, 6.97
CIELCh	8, 8.997, 129.189
Yxy	0.8579, 0.3415, 0.4330
Android (android.graphics.Color)	4279441675 (0xFF13190B)
YUV	21.6100, -5.2307, -2.2890
Hunter-Lab	9.2621, -3.1694, 3.6251

Details

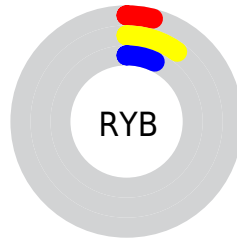
The YUV color **21.6100, -5.2307, -2.2890** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14.3900, 5.2307, 2.2890**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4250, -4.6465, -3.0037**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.0830, -5.9569, -2.7038**, and if you desaturate by 10%, it is **22.2510, -4.0677, -1.9741**.

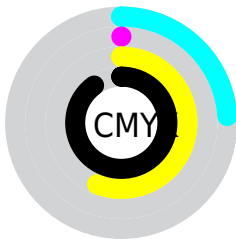
Distribution



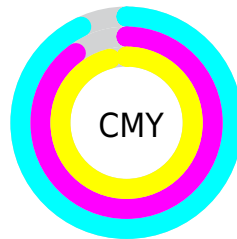
- Red (7%)
- Green (10%)
- Blue (4%)



- Red (4%)
- Yellow (10%)
- Blue (7%)



- Cyan (24%)
- Magenta (0%)
- Yellow (56%)
- Black (90%)



- Cyan (93%)
- Magenta (90%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.6100, -5.2307, -2.2890 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 21.6100, -5.2307, -2.2890 by changing the saturation by 10% instead.

■ 21.6100, -5.2307,
-2.2890

■ 21.6100, -5.2307,
-2.2890

■ 246.7840, -5.8095,
-3.3186

■ 0.0000, 0.0000,
0.0000

■ 64.4250, -4.6465,
-3.0037

■ 87.3110, -5.0833,
-2.9037

■ 111.8980, -5.3727,
-3.4185

■ 137.1970, -5.5201,
-2.8038

■ 163.7840, -5.8095,
-3.3186

■ 190.7840, -5.8095,

-3.3186

■ 218.7840, -5.8095,
-3.3186

■ 21.6100, -5.2307,
-2.2890

■ 21.6100, -5.2307,
-2.2890

■ 21.0830, -5.9569,
-2.7038

■ 22.2510, -4.0677,
-1.9741

■ 20.4420, -7.1199,
-3.0186

■ 22.7780, -3.3416,
-1.5593

■ 19.9150, -7.8461,
-3.4335

■ 23.4190, -2.1786,
-1.2445

■ 19.2740, -9.0091,
-3.7483

■ 23.9460, -1.4524,
-0.8296

■ 18.8610, -9.2985,
-4.2631

■ 24.5870, -0.2894,
-0.5148

■ 25.1140, 0.4368,
-0.1000

■ 26.0540, 1.4524,
0.8296

■ 26.5810, 2.1786,
1.2445

■ 27.2220, 3.3416,
1.5593

Harmonies

Analogous

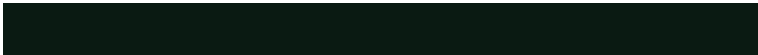
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.0730, -7.4310, 3.4440



21.6100, -5.2307, -2.2890



20.3040, -1.1359, -9.0366

Triad

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



21.6100, -5.2307, -2.2890



20.9430, 6.4371, -11.3510



24.0120, -1.4849, 9.6365

Complementary

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



21.6100, -5.2307, -2.2890



14.3900, 5.2307, 2.2890

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.



23.7990, 1.5781, 7.1923



21.6100, -5.2307, -2.2890



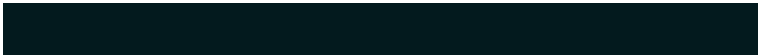
22.8730, 5.9786, -4.2736

Square

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



21.6100, -5.2307, -2.2890



19.5790, 5.1376, -14.5398



23.7490, 4.0677, 1.9741



22.9150, -4.3951, 9.7215

Rectangle

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



21.6100, -5.2307, -2.2890



19.9660, 1.4958, -13.1252



23.7490, 4.0677, 1.9741



23.9410, -0.4639, 8.8217

Sweetspot

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



21.6100, -5.2307, -2.2890



31.8320, -1.8892, -0.7297



18.7080, -3.8000, 5.5181



16.9460, -1.4524, -0.8296



145.0000, 0.0000, 0.0000



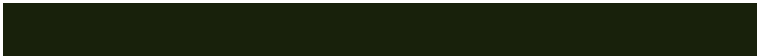
18.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.6100, -5.2307, -2.2890



27.8010, -8.2829, -3.3335



19.5170, -4.1989, -6.5924



12.4730, -0.7262, -0.4148



58.3550, -28.7690, -12.5893



154.7310, -76.2824, -33.0901

Inverse Universe

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



14.3900, 5.2307, 2.2890



16.1990, 8.2829, 3.3335



16.4830, 4.1989, 6.5924



11.5270, 0.7262, 0.4148



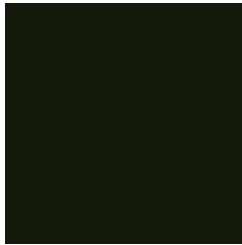
18.6450, 28.7690, 12.5893



49.2690, 76.2824, 33.0901

Previews

White Background



This preview shows how the YUV color 21.6100, -5.2307, -2.2890 looks on a white background.

Color Contrast Check

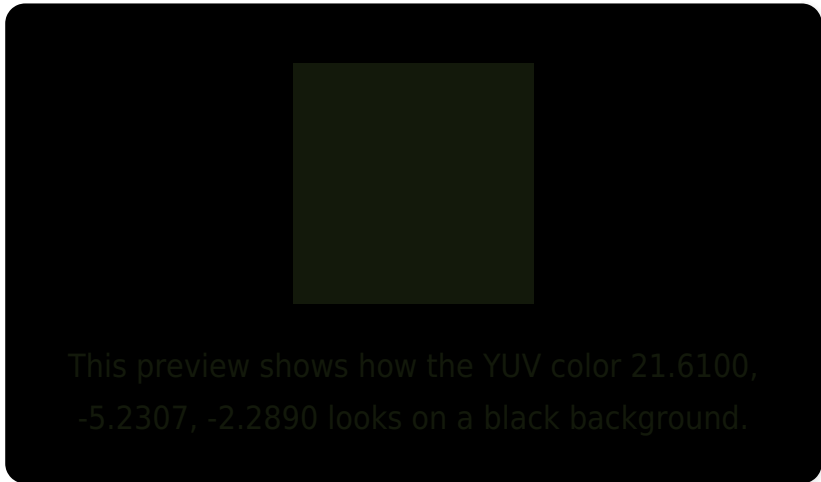
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 21.6100, -5.2307, -2.2890

Background



This preview shows how black text looks on a background with the YUV color 21.6100, -5.2307, -2.2890.



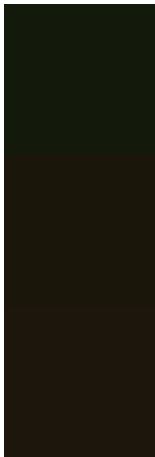
This preview shows how white text looks on a background with the YUV color 21.6100, -5.2307,

-2.2890.

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

21.6100, -5.2307, -2.2890

Protanopia

22.4150, -6.1206, 3.1440

Deuteranopia

22.6540, -5.2524, 4.6884



Tritanopia

22.6300, 1.1684, -1.4295

Trichromacy



Original Color

21.6100, -5.2307, -2.2890

Protanomaly

22.1050, -5.9678, 0.7849

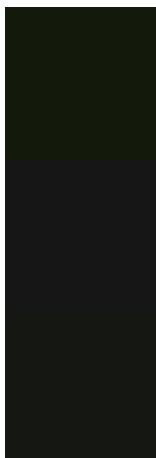
Deuteranomaly

22.3440, -5.0996, 2.3293

Tritanomaly

22.3480, -1.1576, -2.0592

Monochromacy



Original Color

21.6100, -5.2307, -2.2890

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.6100, -5.2307, -2.2890 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(19, 25, 11)` looks like.

```
.text, #text, p{  
    color:rgb(19, 25, 11)  
}
```

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(19, 25, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 25, 11) }
```

Border

The CSS property to change the border of an element to YUV 21.6100, -5.2307, -2.2890 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(19, 25, 11) }
```


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

```
.border{ border-color:rgb(19, 25, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 25, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 25, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 25, 11);  
box-shadow:4px 4px 4px 4px rgb(19, 25, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.6100, -5.2307, -2.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 25, 11) }
```

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

```
.background{ background-color: rgb(19, 25,  
11) }
```

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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