

Converting Colors

YUV(55.2220, 77.2916,
-10.7187)

Have a look what the booklet for
YUV(55.2220, 77.2916, -10.7187)
contains.

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Color

**YUV(55.2220, 77.2916,
-10.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	2B1FD4
RGB	43, 31, 212
RGB Percent	17%, 12%, 83%
CMY	0.8314, 0.8784, 0.1686
CMYK	0.80, 0.85, 0.00, 0.17
HSL	244°, 74%, 48%
HSV	244°, 85%, 83%
XYZ	13.3699, 6.2470, 62.7885
YIQ	55.2220, -50.9490, 58.8350

Conversions

Conversions Part 2

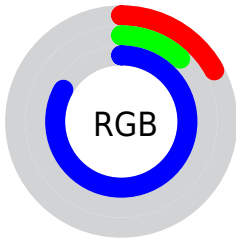
Format	Color
R _Y B	43, 31, 212
Decimal	2826196
CIE Lab	30.03, 61.64, -87.11
CIE LCh	30, 106.716, 305.284
Yxy	6.2470, 0.1622, 0.0758
Android (android.graphics.Color)	4281016276 (0xFF2B1FD4)
YUV	55.2220, 77.2916, -10.7187
Hunter-Lab	24.9941, 51.7443, -131.4487

Details

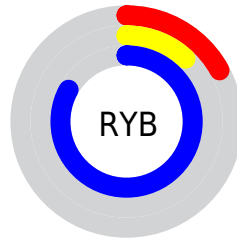
The YUV color **55.2220, 77.2916, -10.7187** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **187.7780, -77.2916, 10.7187**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6710, 69.6752, 5.5505**, and **17.7840, 68.1405, -15.5966** is the 20% darker color. If you saturate the color by 10%, you get **36.9150, 86.3169, -12.2035**, and if you desaturate by 10%, it is **73.5290, 68.2662, -9.2339**.

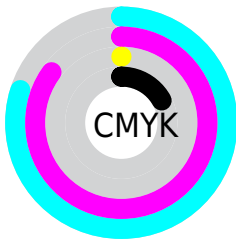
Distribution



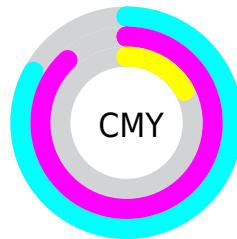
- Red (17%)
- Green (12%)
- Blue (83%)



- Red (17%)
- Yellow (12%)
- Blue (83%)



- Cyan (80%)
- Magenta (85%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (88%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2220, 77.2916, -10.7187 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 55.2220, 77.2916, -10.7187 by changing the saturation by 10% instead.

■ 55.2220, 77.2916,
-10.7187

■ 55.2220, 77.2916,
-10.7187

255.0000, 0.0000,
0.0000

■ 20.8620, 79.9340,
-18.2960

■ 113.6710, 69.6752,
5.5505

■ 17.7840, 68.1405,
-15.5966

■ 138.8000, 57.2866,
12.4534

■ 14.7060, 56.3469,
-12.8972

■ 163.3310, 45.1928,
18.1267

■ 13.3890, 43.6852,
-11.7422

■ 188.7480, 32.6622,
23.9000

■ 14.6480, 30.7395,
-12.8463

■ 214.4530, 19.9897,
28.5437

■ 8.9770, 21.7033,
-7.8728

■ 233.8680, 10.4181,

■ 4.7080, 12.9620,

18.5328

-4.1289

250.8910, 2.0257,
3.6036

0.2280, 0.8736,
-0.2000

0.0000, 0.0000,
0.0000

55.2220, 77.2916,
-10.7187

55.2220, 77.2916,
-10.7187

36.9150, 86.3169,
-12.2035

73.5290, 68.2662,
-9.2339

28.3540, 90.5375,
-12.5885

91.8360, 59.2409,
-7.7492

110.4310, 50.0735,
-7.3940

128.7380, 41.0482,
-5.9092

■ 147.0450, 32.0228,
-4.4245

■ 165.3520, 22.9975,
-2.9397

■ 183.6590, 13.9721,
-1.4549

■ 202.2540, 4.8048,
-1.0998

■ 220.5610, -4.2206,
0.3850

Harmonies

Analogous

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



76.6510, 82.9961, -67.2229



55.2220, 77.2916, -10.7187



67.3170, 36.8187, 90.9300

Triad

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



55.2220, 77.2916, -10.7187



57.9970, -28.5925, 71.0396



65.9280, 8.9095, -57.8189

Complementary

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



55.2220, 77.2916, -10.7187



187.7780, -77.2916, 10.7187

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.



54.5910, -26.9134, -47.8763



55.2220, 77.2916, -10.7187



65.5640, -32.3231, 7.3984

Square

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



55.2220, 77.2916, -10.7187



55.0160, -27.1229, 113.1190



51.6560, -25.4664, -45.3023



76.6780, 45.0217, -67.2466

Rectangle

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



55.2220, 77.2916, -10.7187



68.6360, 9.5465, 111.6982



51.6560, -25.4664, -45.3023



62.0350, -3.4683, -54.4047

Sweetspot

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



55.2220, 77.2916, -10.7187



197.7200, 28.2390, -4.1394



152.5980, 29.2852, -106.6414



93.4570, 17.0297, -2.1548



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.



55.2220, 77.2916, -10.7187



34.1530, 108.8776, -15.0432



81.5340, 64.3197, 43.3817



97.5530, 4.6574, -0.4850



22.7830, 73.0710, -10.3337



5.7990, 18.3401, -2.4547

Inverse Universe

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



104.3850, 47.1382, 94.3784



103.3770, 66.3691, 132.9734



161.4660, -64.3197, -43.3817



100.4290, 2.7465, 5.7628



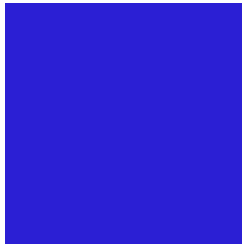
69.3690, 44.6811, 89.1304



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 55.2220, 77.2916, -10.7187 looks on a white background.

Color Contrast Check

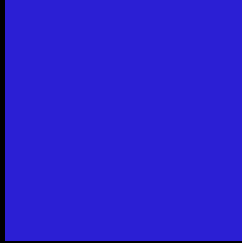
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 55.2220, 77.2916, -10.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

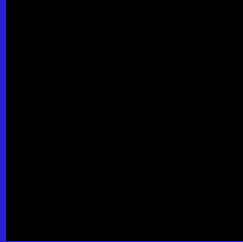
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2220, 77.2916, -10.7187

Background



This preview shows how black text looks on a background with the YUV color 55.2220, 77.2916, -10.7187.



This preview shows how white text looks on a background with the YUV color 55.2220, 77.2916, -10.7187.

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

55.2220, 77.2916, -10.7187

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.6450, 31.7270, -49.6777



Tritanopia

55.1340, 13.2449, -48.3525

Trichromacy



Original Color

55.2220, 77.2916, -10.7187

Protanomaly

56.2210, 55.1070, -35.2738

Deuteranomaly

56.3860, 48.1237, -35.4185

Tritanomaly

55.2970, 36.3356, -34.4635

Monochromacy



Original Color

55.2220, 77.2916, -10.7187

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0190, 28.0916, -3.5247

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2220, 77.2916, -10.7187 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(43, 31, 212)` looks like.

```
.text, #text, p{  
    color:rgb(43, 31, 212)  
}
```

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(43, 31, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 31, 212) }
```

Border

The CSS property to change the border of an element to YUV 55.2220, 77.2916, -10.7187 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(43, 31, 212) }
```


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

```
.border{ border-color:rgb(43, 31, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 31, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 31, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 31, 212);  
box-shadow:4px 4px 4px 4px rgb(43, 31,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 55.2220, 77.2916, -10.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 31, 212) }
```

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

```
.background{ background-color: rgb(43, 31,  
212) }
```

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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