

Converting Colors

YUV(137.4820, 22.4404,
-10.9467)

Have a look what the booklet for
YUV(137.4820, 22.4404, -10.9467)
contains.

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Color

**YUV(137.4820, 22.4404,
-10.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	7D87B7
RGB	125, 135, 183
RGB Percent	49%, 53%, 72%
CMY	0.5098, 0.4706, 0.2824
CMYK	0.32, 0.26, 0.00, 0.28
HSL	230°, 29%, 60%
HSV	230°, 32%, 72%
XYZ	25.6687, 25.1068, 48.2930
YIQ	137.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

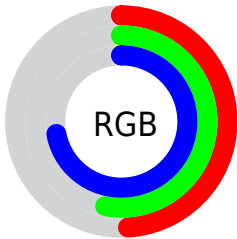
Format	Color
R _Y B	125, 134, 183
Decimal	8226743
CIE Lab	57.18, 7.76, -26.35
CIE LCh	57, 27.472, 286.412
Yxy	25.1068, 0.2591, 0.2534
Android (android.graphics.Color)	4286416823 (0xFF7D87B7)
YUV	137.4820, 22.4404, -10.9467
Hunter-Lab	50.1067, 3.7553, -22.0692

Details

The YUV color $137.4820, 22.4404, -10.9467$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $170.5180, -22.4404, 10.9467$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1230, 23.6034, -10.6319$, and $87.4280, 20.9880, -11.7764$ is the 20% darker color. If you saturate the color by 10%, you get $123.2950, 29.4346, -14.2907$, and if you desaturate by 10%, it is $151.6690, 15.4462, -7.6027$.

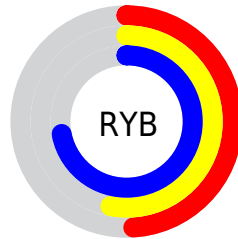
Distribution



Red (49%)

Green (53%)

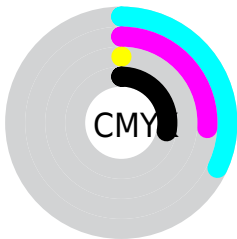
Blue (72%)



Red (49%)

Yellow (53%)

Blue (72%)

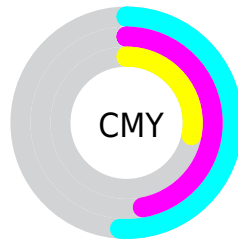


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4820, 22.4404, -10.9467 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 137.4820, 22.4404, -10.9467 by changing the saturation by 10% instead.

■ 137.4820, 22.4404,
-10.9467

■ 137.4820, 22.4404,
-10.9467

■ 255.0000, 0.0000,
0.0000

■ 111.9550, 21.7142,
-11.3615

■ 191.1230, 23.6034,
-10.6319

■ 87.4280, 20.9880,
-11.7764

■ 217.7550, 18.3618,
-9.4321

■ 63.0150, 20.6986,
-12.2912

■ 242.5630, 6.1314,
-6.6328

■ 40.3630, 19.5410,
-14.3504

■ 18.8250, 18.8203,
-16.5095

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 137.4820, 22.4404,
-10.9467

■ 137.4820, 22.4404,
-10.9467

■ 123.2950, 29.4346,
-14.2907

■ 151.6690, 15.4462,
-7.6027

■ 108.8090, 36.5762,
-18.2495

■ 166.1550, 8.3046,
-3.6439

■ 94.6220, 43.5704,
-21.5935

■ 180.3420, 1.3104,
-0.2999

■ 79.8480, 50.8539,
-24.4227

■ 195.1160, -5.9732,
2.5293

■ 65.3620, 57.9955,
-28.3815

■ 209.6020,
-13.1148, 6.4880

■ 51.1750, 64.9897,
-31.7255

■ 223.7890,
-20.1090, 9.8320

■ 39.6460, 70.6735,
-34.7695

■ 237.9760,
-27.1032, 13.1760

■ 246.7920,
-31.4495, 7.1984

Harmonies

Analogous

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



131.1150, 25.5793, -37.8119



137.4820, 22.4404, -10.9467



140.2850, 14.6495, 14.6591

Triad

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



137.4820, 22.4404, -10.9467



138.4640, -16.9908, 36.4271



127.7150, -1.3385, -37.4611

Complementary

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



137.4820, 22.4404, -10.9467



170.5180, -22.4404, 10.9467

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.



131.3450, -13.4811, -16.0886



137.4820, 22.4404, -10.9467



136.8940, -22.6257, 23.7720

Square

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



137.4820, 22.4404, -10.9467



140.0050, -7.3975, 39.4606



134.4140, -21.4031, 4.8989



123.3890, 13.1192, -54.7152

Rectangle

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



137.4820, 22.4404, -10.9467



140.9400, 7.9176, 27.2396



134.4140, -21.4031, 4.8989



128.9070, -5.8702, -30.6134

Sweetspot

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



137.4820, 22.4404, -10.9467



218.6710, 9.0362, -4.9735



164.4040, 3.7448, -34.5573



108.4710, 5.6838, -3.0441



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



137.4820, 22.4404, -10.9467



166.6520, 34.6816, -17.2348



136.9940, 22.6810, 5.2673



84.6130, 3.6418, -1.4146



33.6330, 60.3269, -29.4961



6.1270, 10.7834, -5.3734

Inverse Universe

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



143.4820, -4.1816, 34.6573



175.7340, -6.2779, 53.7303



171.0060, -22.6810, -5.2673



85.8050, -0.8899, 5.4330



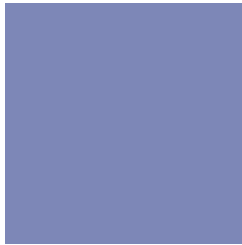
49.7220, -11.2019, 93.2058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 137.4820, 22.4404, -10.9467 looks on a white background.

Color Contrast Check

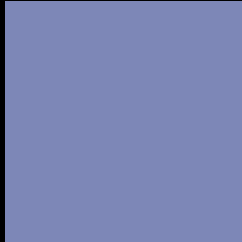
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4820, 22.4404, -10.9467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

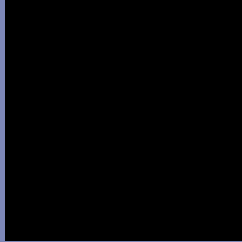
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.4820, 22.4404, -10.9467

Background



This preview shows how black text looks on a background with the YUV color 137.4820, 22.4404, -10.9467.



This preview shows how white text looks on a background with the YUV color 137.4820, 22.4404, -10.9467.

-10.9467.

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

137.4820, 22.4404, -10.9467

Protanopia

137.1830, 22.5878, -11.5615

Deuteranopia

137.4820, 22.4404, -10.9467



Tritanopia

135.3770, 8.1951, -15.2396

Trichromacy



Original Color

137.4820, 22.4404, -10.9467

Protanomaly

137.1830, 22.5878, -11.5615

Deuteranomaly

137.4820, 22.4404, -10.9467

Tritanomaly

136.3540, 13.1365, -13.4655

Monochromacy



Original Color

137.4820, 22.4404, -10.9467

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1550, 8.3046, -3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4820, 22.4404, -10.9467 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(125, 135, 183)` looks like.

```
.text, #text, p{  
    color:rgb(125, 135, 183)  
}
```

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(125, 135, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 135, 183) }
```

Border

The CSS property to change the border of an element to YUV 137.4820, 22.4404, -10.9467 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(125, 135, 183) }
```


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

```
.border{ border-color:rgb(125, 135, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 135, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 135, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 135, 183);  
box-shadow:4px 4px 4px 4px rgb(125, 135,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 137.4820, 22.4404, -10.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 135, 183) }
```

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

```
.background{ background-color: rgb(125,  
135, 183) }
```

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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