

Converting Colors

YUV(127.3920, 45.6557,
-37.1778)

Have a look what the booklet for
YUV(127.3920, 45.6557, -37.1778)
contains.

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Color

**YUV(127.3920, 45.6557,
-37.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	5583DC
RGB	85, 131, 220
RGB Percent	33%, 51%, 86%
CMY	0.6667, 0.4863, 0.1373
CMYK	0.61, 0.40, 0.00, 0.14
HSL	220°, 66%, 60%
HSV	220°, 61%, 86%
XYZ	24.7809, 23.3312, 70.9074
YIQ	127.3920, -55.9850, 17.9270

Conversions

Conversions Part 2

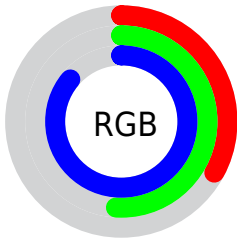
Format	Color
R _Y B	85, 119, 220
Decimal	5604316
CIE Lab	55.41, 11.61, -50.23
CIE LCh	55, 51.557, 283.015
Yxy	23.3312, 0.2082, 0.1960
Android (android.graphics.Color)	4283794396 (0xFF5583DC)
YUV	127.3920, 45.6557, -37.1778
Hunter-Lab	48.3024, 7.0478, -53.2255

Details

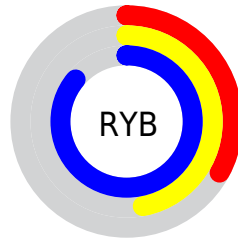
The YUV color **127.3920, 45.6557, -37.1778** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **177.6080, -45.6557, 37.1778**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4330, 36.7615, -31.0747**, and **66.8300, 47.9048, -58.6099** is the 20% darker color. If you saturate the color by 10%, you get **112.0090, 53.2396, -42.9809**, and if you desaturate by 10%, it is **142.7750, 38.0719, -31.3747**.

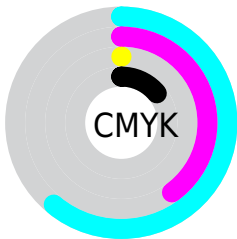
Distribution



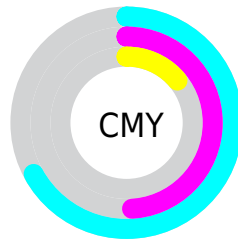
- Red (33%)
- Green (51%)
- Blue (86%)



- Red (33%)
- Yellow (47%)
- Blue (86%)



- Cyan (61%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3920, 45.6557, -37.1778 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 127.3920, 45.6557, -37.1778 by changing the saturation by 10% instead.

■ 127.3920, 45.6557,
-37.1778

■ 127.3920, 45.6557,
-37.1778

■ 255.0000, 0.0000,
0.0000

■ 99.3590, 45.6720,
-42.4108

■ 180.4330, 36.7615,
-31.0747

■ 66.8300, 47.9048,
-58.6099

■ 204.9530, 24.6732,
-27.1458

■ 50.9520, 42.9147,
-44.6849

■ 230.3590, 12.1480,
-23.1168

■ 35.6610, 37.6351,
-31.2747

■ 248.7210, 3.0955,
-12.9103

■ 21.0710, 32.5030,
-18.4793

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 127.3920, 45.6557,
-37.1778

■ 127.3920, 45.6557,
-37.1778

■ 112.0090, 53.2396,
-42.9809

■ 142.7750, 38.0719,
-31.3747

■ 97.2130, 60.5340,
-49.2988

■ 157.5710, 30.7775,
-25.0568

■ 81.8300, 68.1178,
-55.1019

■ 172.9540, 23.1937,
-19.2537

■ 69.1050, 74.3912,
-60.6051

■ 187.7500, 15.8993,
-12.9358

■ 203.1330, 8.3154,
-7.1326

■ 217.9290, 1.0210,
-0.8147

■ 233.3120, -6.5628,
4.9884

■ 246.3140,
-12.9728, 7.6176

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



109.9670, 53.2603, -96.4411



127.3920, 45.6557, -37.1778



136.7430, 30.1997, 20.3964

Triad

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



127.3920, 45.6557, -37.1778



130.7790, -27.9920, 65.0918



101.7810, 1.5870, -89.2619

Complementary

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



127.3920, 45.6557, -37.1778



177.6080, -45.6557, 37.1778

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.



119.8970, -27.5572, -27.9737



127.3920, 45.6557, -37.1778



129.1510, -42.4724, 42.8406

Square

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



127.3920, 45.6557, -37.1778



131.3990, -8.0847, 73.3181



126.0130, -43.3904, 10.5126



108.1990, 21.1009, -94.8905

Rectangle

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



127.3920, 45.6557, -37.1778



136.2320, 18.6196, 48.0315



126.0130, -43.3904, 10.5126



109.3620, -9.5455, -65.2155

Sweetspot

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



127.3920, 45.6557, -37.1778



223.6360, 15.4625, -12.8358



174.2770, -0.6296, -78.2959



108.1760, 9.7732, -8.0474



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.



127.3920, 45.6557, -37.1778



125.7010, 63.7444, -52.3578



106.3700, 56.0196, -1.2015



102.0150, 3.9366, -2.6442



54.3550, 58.4920, -47.6693



14.6360, 15.4625, -12.8358

Inverse Universe

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



130.6090, 0.1928, 78.3959



129.9210, 0.5319, 109.6943



198.6300, -56.0196, 1.2015



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 127.3920, 45.6557, -37.1778 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 127.3920, 45.6557, -37.1778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

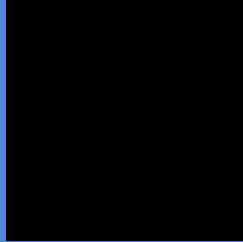
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.3920, 45.6557, -37.1778

Background



This preview shows how black text looks on a background with the YUV color 127.3920, 45.6557, -37.1778.



This preview shows how white text looks on a background with the YUV color 127.3920, 45.6557, -37.1778.

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

127.3920, 45.6557, -37.1778

Protanopia

129.2790, 43.7395, -29.1857

Deuteranopia

125.2770, 46.6984, -44.9699



Tritanopia

119.0450, 18.2188, -57.0445

Trichromacy



Original Color

127.3920, 45.6557, -37.1778

Protanomaly

128.7840, 44.4765, -32.2596

Deuteranomaly

125.8860, 46.3982, -41.9960

Tritanomaly

122.0210, 28.0906, -50.0074

Monochromacy



Original Color

127.3920, 45.6557, -37.1778

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9780, 16.7728, -13.1357

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3920, 45.6557, -37.1778 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(85, 131, 220)` looks like.

```
.text, #text, p{  
    color:rgb(85, 131, 220)  
}
```

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(85, 131, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 131, 220) }
```

Border

The CSS property to change the border of an element to YUV 127.3920, 45.6557, -37.1778 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(85, 131, 220) }
```


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

```
.border{ border-color:rgb(85, 131, 220) }
```

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

Here you see how a box with a 4 pixel rgb(85, 131, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 131, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 131, 220);  
box-shadow:4px 4px 4px 4px rgb(85, 131,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 127.3920, 45.6557, -37.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 131, 220) }
```

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

```
.background{ background-color: rgb(85, 131,  
220) }
```

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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