

Converting Colors

YUV(55.7960, 86.8686, -2.4521)

Have a look what the booklet for
YUV(55.7960, 86.8686, -2.4521)
contains.

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Color

**YUV(55.7960, 86.8686,
-2.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	3517E8
RGB	53, 23, 232
RGB Percent	21%, 9%, 91%
CMY	0.7922, 0.9098, 0.0902
CMYK	0.77, 0.90, 0.00, 0.09
HSL	249°, 82%, 50%
HSV	249°, 90%, 91%
XYZ	16.3401, 7.1959, 76.8717
YIQ	55.7960, -49.2090, 71.3590

Conversions

Conversions Part 2

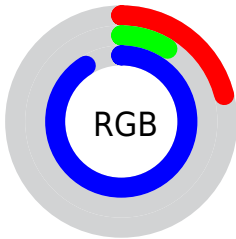
Format	Color
R _Y B	53, 23, 232
Decimal	3479528
CIE Lab	32.25, 70.05, -94.90
CIE LCh	32, 117.954, 306.433
Yxy	7.1959, 0.1627, 0.0717
Android (android.graphics.Color)	4281669608 (0xFF3517E8)
YUV	55.7960, 86.8686, -2.4521
Hunter-Lab	26.8251, 61.7864, -151.1273

Details

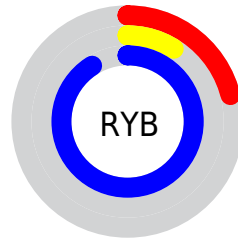
The YUV color **55.7960, 86.8686, -2.4521** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **199.2040, -86.8686, 2.4521**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.1990, 68.9219, 13.8575**, and **19.9500, 76.4397, -17.4962** is the 20% darker color. If you saturate the color by 10%, you get **36.3150, 96.4727, -2.9073**, and if you desaturate by 10%, it is **75.2770, 77.2644, -1.9969**.

Distribution



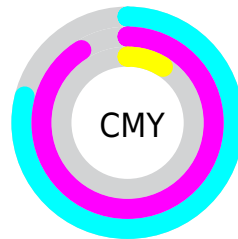
- Red (21%)
- Green (9%)
- Blue (91%)



- Red (21%)
- Yellow (9%)
- Blue (91%)



- Cyan (77%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (79%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7960, 86.8686, -2.4521 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 55.7960, 86.8686, -2.4521 by changing the saturation by 10% instead.

■ 55.7960, 86.8686,
-2.4521

■ 55.7960, 86.8686,
-2.4521

■ 255.0000, 0.0000,
0.0000

■ 23.1420, 88.6700,
-20.2955

■ 115.1990, 68.9219,
13.8575

■ 19.9500, 76.4397,
-17.4962

■ 140.9150, 56.2439,
20.2455

■ 16.7580, 64.2093,
-14.6968

■ 166.3320, 43.7133,
26.0188

■ 13.6800, 52.4158,
-11.9974

■ 191.7490, 31.1827,
31.7921

■ 18.9340, 37.0075,
-16.6051

■ 216.2580, 19.0998,
33.9767

■ 12.5620, 27.8239,
-11.0169

■ 233.2810, 10.7075,

■ 7.5920, 18.9351,

19.0476

-6.6582

250.3040, 2.3151,
4.1184

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,
0.0000

55.7960, 86.8686,
-2.4521

55.7960, 86.8686,
-2.4521

36.3150, 96.4727,
-2.9073

75.2770, 77.2644,
-1.9969

94.7580, 67.6603,
-1.5418

114.8260, 57.7668,
-1.6014

134.0080, 48.3101,
-1.7610

■ 153.4890, 38.7059,
-1.3059

■ 172.9700, 29.1018,
-0.8507

■ 192.4510, 19.4977,
-0.3955

■ 212.5190, 9.6041,
-0.4552

■ 232.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



55.7960, 86.8686, -2.4521



74.2520, 38.8228, 101.5110

Triad

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



55.7960, 86.8686, -2.4521



62.1610, -30.6454, 76.1578



71.2910, 11.6885, -62.5222

Complementary

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



55.7960, 86.8686, -2.4521



199.2040, -86.8686, 2.4521

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.



58.7000, -28.9391, -51.4799



55.7960, 86.8686, -2.4521



69.6840, -34.3542, 5.5391

Square

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



55.7960, 86.8686, -2.4521



59.5010, -29.3340, 122.3406



55.7650, -27.4921, -48.9059



83.6540, 51.4426, -73.3646

Rectangle

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



55.7960, 86.8686, -2.4521



75.3710, 8.1981, 124.2086



55.7650, -27.4921, -48.9059



66.9420, -2.4364, -58.7081

Sweetspot

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



55.7960, 86.8686, -2.4521



196.8560, 28.6650, -0.7507



153.0730, 38.9110, -114.0740



93.4680, 17.0243, -0.4104



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.



55.7960, 86.8686, -2.4521



40.1330, 105.9294, -2.7476



86.2940, 71.8331, 60.2552



104.9660, 4.9468, 0.0298



28.1800, 74.3543, -1.9119



7.9070, 21.2448, -0.7954

Inverse Universe

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



105.8970, 47.3788, 110.5923



101.0970, 57.6332, 134.9729



168.7060, -71.8331, -60.2552



107.7280, 2.5991, 6.3775



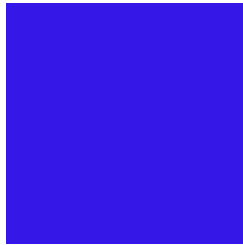
70.9630, 40.4442, 94.7484



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 55.7960, 86.8686, -2.4521 looks on a white background.

Color Contrast Check

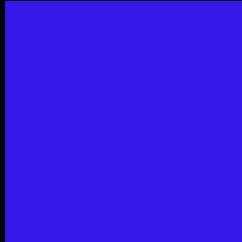
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.7960, 86.8686, -2.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

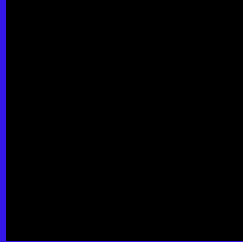
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7960, 86.8686, -2.4521

Background



This preview shows how black text looks on a background with the YUV color 55.7960, 86.8686, -2.4521.



This preview shows how white text looks on a background with the YUV color 55.7960, 86.8686, -2.4521.

-2.4521.

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

55.7960, 86.8686, -2.4521

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.6060, 34.2112, -53.1515



Tritanopia

59.3400, 14.1294, -52.0412

Trichromacy



Original Color

55.7960, 86.8686, -2.4521

Protanomaly

58.7140, 60.7800, -34.8292

Deuteranomaly

58.7650, 53.3599, -34.8739

Tritanomaly

58.0350, 40.4087, -34.2337

Monochromacy



Original Color

55.7960, 86.8686, -2.4521

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9530, 31.5752, -0.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7960, 86.8686, -2.4521 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(53, 23, 232)` looks like.

```
.text, #text, p{  
    color:rgb(53, 23, 232)  
}
```

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(53, 23, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 23, 232) }
```

Border

The CSS property to change the border of an element to YUV 55.7960, 86.8686, -2.4521 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(53, 23, 232) }
```


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

```
.border{ border-color:rgb(53, 23, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 23, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 23, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 23, 232);  
box-shadow:4px 4px 4px 4px rgb(53, 23,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 55.7960, 86.8686, -2.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 23, 232) }
```

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

```
.background{ background-color: rgb(53, 23,  
232) }
```

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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