

Converting Colors

YUV(147.0940, -56.7413,
-47.4404)

Have a look what the booklet for
YUV(147.0940, -56.7413, -47.4404)
contains.

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Color

**YUV(147.0940, -56.7413,
-47.4404)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC520
RGB	93, 197, 32
RGB Percent	36%, 77%, 13%
CMY	0.6353, 0.2275, 0.8745
CMYK	0.53, 0.00, 0.84, 0.23
HSL	98°, 72%, 45%
HSV	98°, 84%, 77%
XYZ	24.7412, 42.3639, 8.2396
YIQ	147.0940, -9.0190, -73.3630

Conversions

Conversions Part 2

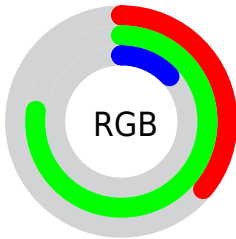
Format	Color
RYB	32, 197, 136
Decimal	6145312
CIELab	71.12, -56.27, 65.61
CIELCh	71, 86.439, 130.617
Yxy	42.3639, 0.3284, 0.5623
Android (android.graphics.Color)	4284335392 (0xFF5DC520)
YUV	147.0940, -56.7413, -47.4404
Hunter-Lab	65.0876, -46.0517, 38.0557

Details

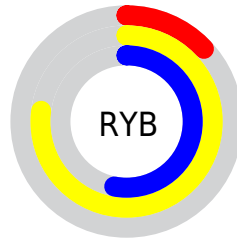
The YUV color **147.0940, -56.7413, -47.4404** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **81.9060, 56.7413, 47.4404**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0340, -55.7258, -46.5108**, and **88.4370, -43.5994, -62.6502** is the 20% darker color. If you saturate the color by 10%, you get **141.2260, -63.7084, -52.8182**, and if you desaturate by 10%, it is **152.9620, -49.7743, -42.0627**.

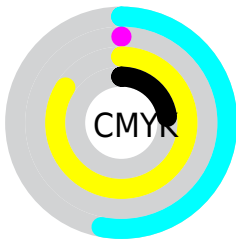
Distribution



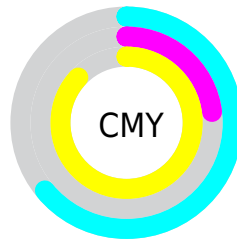
- Red (36%)
- Green (77%)
- Blue (13%)



- Red (13%)
- Yellow (77%)
- Blue (53%)



- Cyan (53%)
- Magenta (0%)
- Yellow (84%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0940, -56.7413, -47.4404 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 147.0940, -56.7413, -47.4404 by changing the saturation by 10% instead.

■ 147.0940,
-56.7413, -47.4404

■ 147.0940,
-56.7413, -47.4404

■ 255.0000, 0.0000,
0.0000

■ 117.4420,
-57.8989, -49.4996

■ 206.0340,
-55.7258, -46.5108

■ 88.4370, -43.5994,
-62.6502

■ 217.8970,
-47.7702, -31.4817

■ 68.0920, -33.5694,
-59.7167

■ 230.1730,
-39.5253, -15.9377

■ 52.8300, -26.0452,
-46.3319

■ 242.3350,
-31.7172, -0.2938

■ 38.1550, -18.8104,
-33.4619

■ 249.5280,
-20.9663, 4.7989

■ 25.2410, -12.4438,
-22.1364

■ 252.8340, -8.2992,

■ 4.6960, -2.3151,

1.8996

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 147.0940,
-56.7413, -47.4404

■ 147.0940,
-56.7413, -47.4404

■ 141.2260,
-63.7084, -52.8182

■ 152.9620,
-49.7743, -42.0627

■ 137.4660,
-67.7707, -56.5367

■ 159.0150,
-43.3914, -35.9702

■ 164.8830,
-36.4243, -30.5924

■ 171.0500,
-29.6046, -24.5998

■ 176.9180,
-22.6376, -19.2221

■ 182.9710,
-16.2547, -13.1296

■ 188.8390, -9.2876,
-7.7518

■ 194.7070, -2.3206,
-2.3740

■ 200.7600, 4.0623,
3.7185

Harmonies

Analogous

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



160.3770, -79.0659, 19.8404



147.0940, -56.7413, -47.4404



134.3740, -8.0724, -117.8460

Triad

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



147.0940, -56.7413, -47.4404



144.7090, 54.3735, -126.9098



142.6530, 3.6221, 98.5283

Complementary

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



147.0940, -56.7413, -47.4404



81.9060, 56.7413, 47.4404

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.



160.3500, 33.3514, 83.0081



147.0940, -56.7413, -47.4404



131.7950, 60.7401, -115.5842

Square

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



147.0940, -56.7413, -47.4404



150.5790, 51.4796, -132.0578



173.7520, 40.0553, 32.6665



151.5990, -38.2563, 90.6827

Rectangle

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



147.0940, -56.7413, -47.4404



142.4050, 15.0833, -124.8892



173.7520, 40.0553, 32.6665



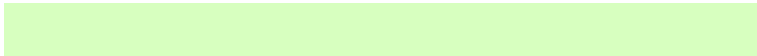
145.0300, 15.2682, 96.4437

Sweetspot

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



147.0940, -56.7413, -47.4404



235.7440, -22.0588, -18.1925



141.2090, -53.8400, 48.9287



116.0790, -13.3499, -11.4703



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.



147.0940, -56.7413, -47.4404



177.7910, -87.6510, -73.4847



131.0210, -39.4504, -86.8414



96.1800, -3.0467, -2.7889



113.6210, -56.0152, -47.0256



25.0190, -12.3344, -10.5407

Inverse Universe

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



81.9060, 56.7413, 47.4404



77.2090, 87.6510, 73.4847



97.9790, 39.4504, 86.8414



92.8200, 3.0467, 2.7889



49.3790, 56.0152, 47.0256



10.9810, 12.3344, 10.5407

Previews

White Background



This preview shows how the YUV color 147.0940, -56.7413, -47.4404 looks on a white 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

Black Background



This preview shows how the YUV color 147.0940, -56.7413, -47.4404 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 ✓ Pass

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

YUV 147.0940, -56.7413, -47.4404 Background



This preview shows how black text looks on a background with the YUV color 147.0940, -56.7413, -47.4404.



This preview shows how white text looks on a background with the YUV color 147.0940, -56.7413, -47.4404.

-47.4404.

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

147.0940, -56.7413, -47.4404

Protanopia

162.7060, -67.8891, 28.3218

Deuteranopia

166.8510, -57.6075, 43.9807



Tritanopia

165.8730, 15.8386, -40.2306

Trichromacy



Original Color

147.0940, -56.7413, -47.4404

Protanomaly

157.2680, -63.7291, 0.6420

Deuteranomaly

159.6420, -57.5045, 10.8380

Tritanomaly

158.9780, -10.3422, -42.9537

Monochromacy



Original Color

147.0940, -56.7413, -47.4404

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7980, -20.6064, -17.3628

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0940, -56.7413, -47.4404 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(93, 197, 32)` looks like.

```
.text, #text, p{  
    color:rgb(93, 197, 32)  
}
```

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(93, 197, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 197, 32) }
```

Border

The CSS property to change the border of an element to YUV 147.0940, -56.7413, -47.4404 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(93, 197, 32) }
```


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

```
.border{ border-color:rgb(93, 197, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 197, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 197, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 197, 32);  
box-shadow:4px 4px 4px 4px rgb(93, 197,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 147.0940, -56.7413, -47.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 197, 32) }
```

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

```
.background{ background-color: rgb(93, 197,  
32) }
```

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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