

Converting Colors

YUV(93.7260, -14.6549,
-12.9147)

Have a look what the booklet for
YUV(93.7260, -14.6549, -12.9147)
contains.

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Color

**YUV(93.7260, -14.6549,
-12.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6B40
RGB	79, 107, 64
RGB Percent	31%, 42%, 25%
CMY	0.6902, 0.5804, 0.7490
CMYK	0.26, 0.00, 0.40, 0.58
HSL	99°, 25%, 34%
HSV	99°, 40%, 42%
XYZ	9.4076, 12.5478, 6.7766
YIQ	93.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

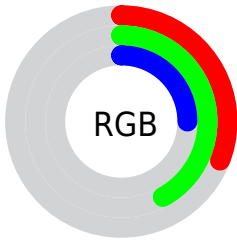
Format	Color
RYB	64, 107, 92
Decimal	5204800
CIELab	42.07, -19.03, 20.87
CIELCh	42, 28.244, 132.365
Yxy	12.5478, 0.3274, 0.4367
Android (android.graphics.Color)	4283394880 (0xFF4F6B40)
YUV	93.7260, -14.6549, -12.9147
Hunter-Lab	35.4229, -14.5843, 13.4535

Details

The YUV color **93.7260, -14.6549, -12.9147** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77.2740, 14.6549, 12.9147**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6720, -16.1073, -13.7443**, and **46.4810, -13.0551, -12.6998** is the 20% darker color. If you saturate the color by 10%, you get **90.3790, -18.4278, -16.1184**, and if you desaturate by 10%, it is **97.0730, -10.8820, -9.7110**.

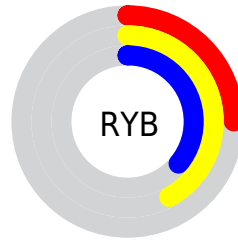
Distribution



Red (31%)

Green (42%)

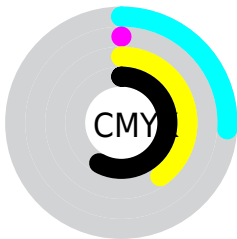
Blue (25%)



Red (25%)

Yellow (42%)

Blue (36%)

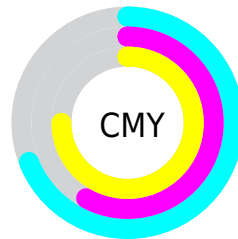


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7260, -14.6549, -12.9147 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 93.7260, -14.6549, -12.9147 by changing the saturation by 10% instead.

■ 93.7260, -14.6549,
-12.9147

■ 93.7260, -14.6549,
-12.9147

■ 255.0000, 0.0000,
0.0000

■ 69.8400, -14.2181,
-13.0147

■ 144.6720,
-16.1073, -13.7443

■ 46.4810, -13.0551,
-12.6998

■ 171.2590,
-16.3967, -14.2591

■ 25.9050, -12.7712,
-10.4407

■ 198.4440,
-16.9809, -13.5444

■ 8.2180, -4.0515,
-7.2072

■ 226.7320,
-17.1229, -14.6740

■ 0.0000, 0.0000,
0.0000

■ 246.2260,
-12.9294, -6.3372

■ 254.2020, -3.0576,

0.6998

■ 93.7260, -14.6549,
-12.9147

■ 93.7260, -14.6549,
-12.9147

■ 90.3790, -18.4278,
-16.1184

■ 97.0730, -10.8820,
-9.7110

■ 87.1460, -21.7640,
-19.4220

■ 100.3060, -7.5459,
-6.4074

■ 83.7990, -25.5369,
-22.6257

■ 103.6530, -3.7729,
-3.2037

■ 80.4520, -29.3098,
-25.8294

■ 107.0000, 0.0000,
0.0000

■ 77.1050, -33.0828,
-29.0331

■ 110.2330, 3.3361,
3.3037

■ 73.8720, -36.4189,
-32.3367

■ 113.5800, 7.1091,
6.5073

■ 116.9270, 10.8820,
9.7110

■ 120.2740, 14.6549,
12.9147

■ 123.5070, 17.9910,
16.2184

Harmonies

Analogous

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



96.7240, -21.5559, 7.2581



93.7260, -14.6549, -12.9147



89.0850, -2.5069, -36.0315

Triad

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



93.7260, -14.6549, -12.9147



88.6900, 26.7748, -47.9631



100.8630, -5.3555, 37.8311

Complementary

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



93.7260, -14.6549, -12.9147



77.2740, 14.6549, 12.9147

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.



102.3810, 5.7282, 29.4839



93.7260, -14.6549, -12.9147



97.9760, 23.1828, -15.7650

Square

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



93.7260, -14.6549, -12.9147



79.3900, 24.9507, -69.6250



102.1920, 15.6813, 10.3556



99.6210, -15.0962, 35.4124

Rectangle

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



93.7260, -14.6549, -12.9147



82.8250, 8.4673, -55.9745



102.1920, 15.6813, 10.3556



101.4760, -1.7137, 36.4165

Sweetspot

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



93.7260, -14.6549, -12.9147



134.7730, -5.8041, -5.0629



93.2930, -14.4414, 12.0210



68.0660, -3.4835, -2.6889



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.7260, -14.6549, -12.9147



119.2060, -22.7796, -20.3517



89.9250, -9.8230, -22.7362



52.1200, -2.0312, -1.8592



80.9380, -39.9024, -35.0256



169.2300, -83.4304, -73.8697

Inverse Universe

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



77.2740, 14.6549, 12.9147



93.7940, 22.7796, 20.3517



81.0750, 9.8230, 22.7362



49.8800, 2.0312, 1.8592



36.0620, 39.9024, 35.0256



75.4710, 83.5778, 73.2549

Previews

White Background



This preview shows how the YUV color 93.7260, -14.6549, -12.9147 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 × Fail

Black Background



This preview shows how the YUV color 93.7260, -14.6549, -12.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

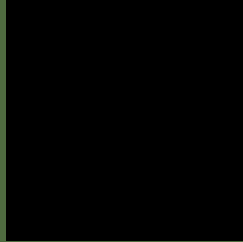
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7260, -14.6549, -12.9147

Background



This preview shows how black text looks on a background with the YUV color 93.7260, -14.6549, -12.9147.



This preview shows how white text looks on a background with the YUV color 93.7260, -14.6549, -12.9147.

-12.9147.

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

93.7260, -14.6549, -12.9147

Protanopia

97.3590, -17.9250, 9.3322

Deuteranopia

98.9840, -15.7681, 17.5540



Tritanopia

98.1280, 5.8529, -10.6363

Trichromacy



Original Color

93.7260, -14.6549, -12.9147

Protanomaly

95.9450, -16.7349, 0.9252

Deuteranomaly

96.7330, -15.1514, 6.3732

Tritanomaly

96.4670, -1.7092, -11.8106

Monochromacy



Original Color

93.7260, -14.6549, -12.9147

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7260, -14.6549, -12.9147 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(79, 107, 64)` looks like.

```
.text, #text, p{  
    color:rgb(79, 107, 64)  
}
```

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(79, 107, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 107, 64) }
```

Border

The CSS property to change the border of an element to YUV 93.7260, -14.6549, -12.9147 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(79, 107, 64) }
```


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

```
.border{ border-color:rgb(79, 107, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 107, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 107, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 107, 64);  
box-shadow:4px 4px 4px 4px rgb(79, 107,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 93.7260, -14.6549, -12.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 107, 64) }
```

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

```
.background{ background-color: rgb(79, 107,  
64) }
```

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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