

Converting Colors

YUV(84.7380, -16.1398, -3.2782)

Have a look what the booklet for
YUV(84.7380, -16.1398, -3.2782)
contains.

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Color

**YUV(84.7380, -16.1398,
-3.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	515D34
RGB	81, 93, 52
RGB Percent	32%, 36%, 20%
CMY	0.6824, 0.6353, 0.7961
CMYK	0.13, 0.00, 0.44, 0.64
HSL	78°, 28%, 28%
HSV	78°, 44%, 36%
XYZ	7.9275, 9.8260, 4.7276
YIQ	84.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

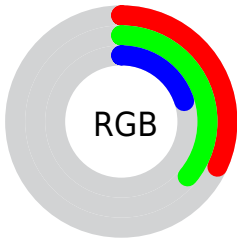
Format	Color
RYB	52, 93, 64
Decimal	5332276
CIELab	37.53, -12.27, 22.00
CIELCh	38, 25.184, 119.148
Yxy	9.8260, 0.3526, 0.4371
Android (android.graphics.Color)	4283522356 (0xFF515D34)
YUV	84.7380, -16.1398, -3.2782
Hunter-Lab	31.3464, -9.7134, 13.0005

Details

The YUV color $[84.7380, -16.1398, -3.2782]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[60.2620, 16.1398, 3.2782]$, and the grayscale version is $[85.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[134.3960, -17.4502, -2.9783]$, and $[38.8520, -15.7030, -3.3782]$ is the 20% darker color. If you saturate the color by 10%, you get $[82.8150, -19.6288, -4.2228]$, and if you desaturate by 10%, it is $[86.6610, -12.6509, -2.3337]$.

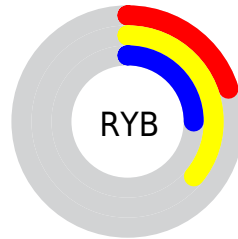
Distribution



Red (32%)

Green (36%)

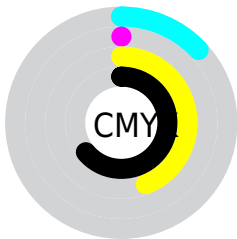
Blue (20%)



Red (20%)

Yellow (36%)

Blue (25%)

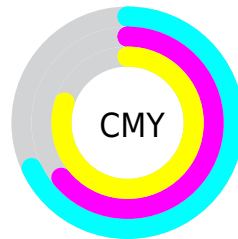


Cyan (13%)

Magenta (0%)

Yellow (44%)

Black (64%)



Cyan (68%)

Magenta (64%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7380, -16.1398, -3.2782 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 84.7380, -16.1398, -3.2782 by changing the saturation by 10% instead.

84.7380, -16.1398,
-3.2782

84.7380, -16.1398,
-3.2782

255.0000, 0.0000,
0.0000

60.9660, -15.2662,
-3.4782

134.3960,
-17.4502, -2.9783

38.8520, -15.7030,
-3.3782

160.8690,
-18.1764, -3.3931

18.8390, -9.2876,
-7.7518

188.0540,
-18.7606, -2.6784

0.0000, 0.0000,
0.0000

215.6410,
-19.0500, -3.1932

244.5270,
-19.4868, -3.0932

252.4920, -9.6096,

2.1995

■ 84.7380, -16.1398,
-3.2782

■ 84.7380, -16.1398,
-3.2782

■ 82.8150, -19.6288,
-4.2228

■ 86.6610, -12.6509,
-2.3337

■ 81.0770, -23.7020,
-4.4525

■ 88.3990, -8.5777,
-2.1039

■ 79.1540, -27.1909,
-5.3971

■ 90.3220, -5.0887,
-1.1594

■ 77.2310, -30.6799,
-6.3416

■ 92.2450, -1.5998,
-0.2149

■ 75.1940, -34.6056,
-7.1861

■ 94.1680, 1.8892,
0.7297

■ 74.3250, -36.6422,
-7.3010

■ 95.9060, 5.9623,
0.9594

■ 97.8290, 9.4513,
1.9040

■ 99.7520, 12.9403,
2.8485

■ 101.4900, 17.0134,
3.0783

Harmonies

Analogous

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



86.9250, -19.6830, 13.2208



84.7380, -16.1398, -3.2782



81.6200, -7.2077, -21.5917

Triad

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



84.7380, -16.1398, -3.2782



73.6630, 24.3231, -54.9555



90.1980, -0.0976, 31.3984

Complementary

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



84.7380, -16.1398, -3.2782



60.2620, 16.1398, 3.2782

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.



90.8250, 8.9603, 19.4475



84.7380, -16.1398, -3.2782



84.2800, 22.0470, -24.8016

Square

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



84.7380, -16.1398, -3.2782



70.3110, 18.0877, -61.6627



89.7670, 16.8769, 0.2043



89.3910, -9.5598, 32.9831

Rectangle

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



84.7380, -16.1398, -3.2782



78.2960, 0.8401, -36.2166



89.7670, 16.8769, 0.2043



90.6860, 3.1128, 28.3394

Sweetspot

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



84.7380, -16.1398, -3.2782



116.6810, -6.2517, -1.4742



71.3030, -9.5164, 19.0283



58.9630, -3.9258, -0.8446



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



84.7380, -16.1398, -3.2782



107.0230, -25.1543, -5.2822



78.7580, -13.1917, -15.5738



45.1310, -2.0366, -0.1149



87.8920, -43.3308, -8.6753



189.3510, -93.3500, -18.7248

Inverse Universe

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



60.2620, 16.1398, 3.2782



68.9770, 25.1543, 5.2822



66.2420, 13.1917, 15.5738



42.1680, 1.8892, 0.7297



22.1080, 43.3308, 8.6753



47.6490, 93.3500, 18.7248

Previews

White Background



This preview shows how the YUV color 84.7380, -16.1398, -3.2782 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 84.7380, -16.1398, -3.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

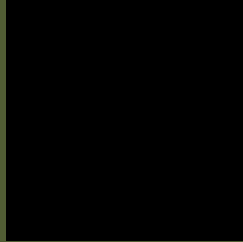
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7380, -16.1398, -3.2782

Background



This preview shows how black text looks on a background with the YUV color 84.7380, -16.1398, -3.2782.



This preview shows how white text looks on a background with the YUV color 84.7380, -16.1398, -3.2782.

-3.2782.

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

84.7380, -16.1398, -3.2782

Protanopia

86.3590, -17.9250, 9.3322

Deuteranopia

87.4570, -16.4943, 17.1392



Tritanopia

88.4990, 3.2050, -1.3146

Trichromacy



Original Color

84.7380, -16.1398, -3.2782

Protanomaly

85.8530, -17.1825, 4.5139

Deuteranomaly

86.4130, -16.4726, 10.1618

Tritanomaly

87.2510, -4.0677, -1.9741

Monochromacy



Original Color

84.7380, -16.1398, -3.2782

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7380, -16.1398, -3.2782 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(81, 93, 52)` looks like.

```
.text, #text, p{  
    color:rgb(81, 93, 52)  
}
```

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(81, 93, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 93, 52) }
```

Border

The CSS property to change the border of an element to YUV 84.7380, -16.1398, -3.2782 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(81, 93, 52) }
```


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

```
.border{ border-color:rgb(81, 93, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 93, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 93, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 93, 52);  
box-shadow:4px 4px 4px 4px rgb(81, 93, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7380, -16.1398, -3.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 93, 52) }
```

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

```
.background{ background-color: rgb(81, 93,  
52) }
```

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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