

Converting Colors

YUV(63.9410, -24.1279, -7.8413)

Have a look what the booklet for
YUV(63.9410, -24.1279, -7.8413)
contains.

YUV(63.9410, -24.1279, -7.8413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.9410, -24.1279,
-7.8413)**

Conversions

Conversions Part 1

Format	Color
Hex	374E0F
RGB	55, 78, 15
RGB Percent	22%, 31%, 6%
CMY	0.7843, 0.6941, 0.9412
CMYK	0.29, 0.00, 0.81, 0.69
HSL	82°, 68%, 18%
HSV	82°, 81%, 31%
XYZ	4.3862, 6.2955, 1.4359
YIQ	63.9410, 6.5150, -24.4690

Conversions

Conversions Part 2

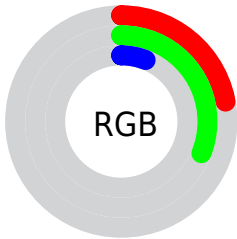
Format	Color
RYB	15, 78, 38
Decimal	3624463
CIELab	30.15, -19.56, 32.31
CIELCh	30, 37.771, 121.193
Yxy	6.2955, 0.3620, 0.5195
Android (android.graphics.Color)	4281814543 (0xFF374E0F)
YUV	63.9410, -24.1279, -7.8413
Hunter-Lab	25.0908, -12.7051, 14.1705

Details

The YUV color **63.9410, -24.1279, -7.8413** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29.0590, 24.1279, 7.8413**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7130, -25.0015, -7.6413**, and **21.4530, -10.5763, -14.4293** is the 20% darker color. If you saturate the color by 10%, you get **62.1320, -27.1801, -8.8858**, and if you desaturate by 10%, it is **65.7500, -21.0757, -6.7968**.

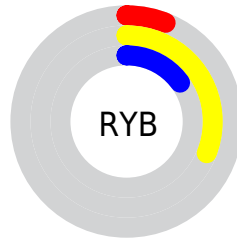
Distribution



Red (22%)

Green (31%)

Blue (6%)



Red (6%)

Yellow (31%)

Blue (15%)

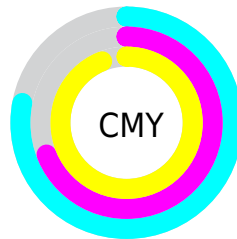


Cyan (29%)

Magenta (0%)

Yellow (81%)

Black (69%)



Cyan (78%)


Magenta (69%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 63.9410, -24.1279, -7.8413 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 63.9410, -24.1279, -7.8413 by changing the saturation by 10% instead.


 63.9410, -24.1279,
-7.8413

 63.9410, -24.1279,
-7.8413


 254.2020, -3.0576,
0.6998


 42.1520, -20.7809,
-8.0263

 112.7130,
-25.0015, -7.6413


 21.4530, -10.5763,
-14.4293


 138.5990,
-25.4383, -7.5413

 0.5870, -0.2894,
-0.5148

 165.3710,
-26.3119, -7.3414


 0.0000, 0.0000,
0.0000


 192.7300,
-27.4749, -7.6562


 220.6160,
-27.9117, -7.5562


 243.5180,


-25.8914, -2.2083


 251.0100,
-15.2879, 3.4992


 63.9410, -24.1279,
-7.8413


 63.9410, -24.1279,
-7.8413


 62.1320, -27.1801,
-8.8858


 65.7500, -21.0757,
-6.7968

 60.7360, -29.9428,
-9.4155

 67.5590, -18.0236,
-5.7522

 69.2540, -15.4082,
-4.6078

 70.7640, -12.2087,
-4.1780

 72.5730, -9.1565,
-3.1335

■ 74.3820, -6.1043,
-2.0890

■ 76.1910, -3.0522,
-1.0445

■ 77.8860, -0.4368,
0.1000

■ 79.6950, 2.6154,
1.1445

Harmonies

Analogous

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



66.8470, -31.4766, 15.9202



63.9410, -24.1279, -7.8413



53.3950, -6.1107, -46.8274

Triad

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



63.9410, -24.1279, -7.8413



61.4550, 29.8487, -53.8960



69.5250, 0.7272, 46.8976

Complementary

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



63.9410, -24.1279, -7.8413



29.0590, 24.1279, 7.8413

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.



72.7430, 13.4377, 30.0434



63.9410, -24.1279, -7.8413



58.2580, 35.3688, -51.0923

Square

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



63.9410, -24.1279, -7.8413



60.8220, 19.8078, -53.3409



72.4170, 24.4444, -0.3657



68.8550, -13.2395, 46.6082

Rectangle

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



63.9410, -24.1279, -7.8413



56.2620, 2.3358, -49.3418



72.4170, 24.4444, -0.3657



70.0560, 5.3954, 42.9239

Sweetspot

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



63.9410, -24.1279, -7.8413



96.5730, -9.1565, -3.1335



46.7510, -15.6532, 27.4054



47.7950, -5.8149, -1.5742



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.9410, -24.1279, -7.8413



79.9500, -37.9363, -12.2341



54.6720, -19.5583, -26.8993



37.2450, -1.5998, -0.2149



79.3090, -39.0993, -12.5490



178.6640, -88.0814, -28.6463

Inverse Universe

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



29.0590, 24.1279, 7.8413



25.0500, 37.9364, 12.2342



38.3280, 19.5583, 26.8993



35.0540, 1.4524, 0.8296



22.6910, 39.0993, 12.5490



51.3360, 88.0814, 28.6463

Previews

White Background



This preview shows how the YUV color 63.9410, -24.1279, -7.8413 looks on a white background.

Color Contrast Check

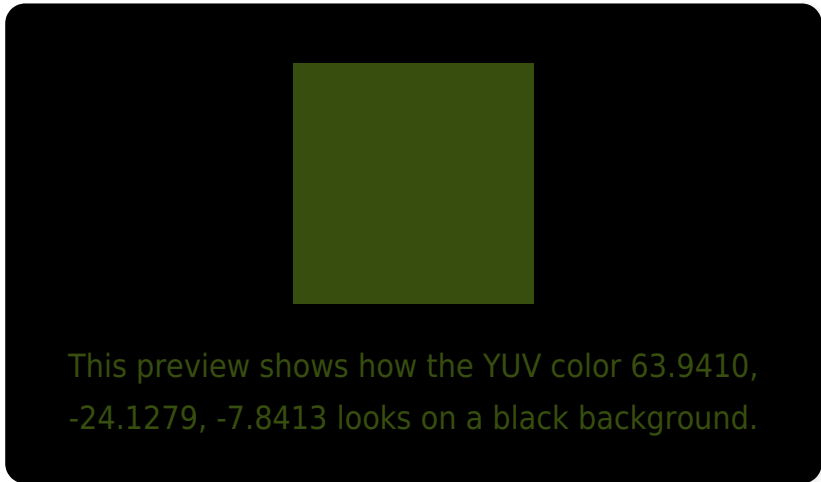
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 63.9410, -24.1279, -7.8413

Background



This preview shows how black text looks on a background with the YUV color 63.9410, -24.1279, -7.8413.



This preview shows how white text looks on a background with the YUV color 63.9410, -24.1279, -7.8413.

-7.8413.

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

63.9410, -24.1279, -7.8413

Protanopia

67.0790, -26.6609, 11.3317

Deuteranopia

68.3340, -23.3357, 18.1241



Tritanopia

70.2810, 3.8055, -7.2624

Trichromacy



Original Color

63.9410, -24.1279, -7.8413

Protanomaly

66.2630, -25.7657, 4.1543

Deuteranomaly

66.8660, -23.5979, 8.8875

Tritanomaly

67.9360, -6.3774, -7.8369

Monochromacy



Original Color

63.9410, -24.1279, -7.8413

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9860, -8.8671, -2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9410, -24.1279, -7.8413 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(55, 78, 15)` looks like.

```
.text, #text, p{  
    color:rgb(55, 78, 15)  
}
```

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(55, 78, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 78, 15) }
```

Border

The CSS property to change the border of an element to YUV 63.9410, -24.1279, -7.8413 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(55, 78, 15) }
```


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

```
.border{ border-color:rgb(55, 78, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 78, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 78, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 78, 15);  
box-shadow:4px 4px 4px 4px rgb(55, 78, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9410, -24.1279, -7.8413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 78, 15) }
```

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

```
.background{ background-color: rgb(55, 78,  
15) }
```

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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