

Converting Colors

YUV(95.2470, -24.7718,
12.0614)

Have a look what the booklet for
YUV(95.2470, -24.7718, 12.0614)
contains.

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Color

**YUV(95.2470, -24.7718,
12.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	6D622D
RGB	109, 98, 45
RGB Percent	43%, 38%, 18%
CMY	0.5725, 0.6157, 0.8235
CMYK	0.00, 0.10, 0.59, 0.57
HSL	50°, 42%, 30%
HSV	50°, 59%, 43%
XYZ	11.1480, 12.1760, 4.2453
YIQ	95.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

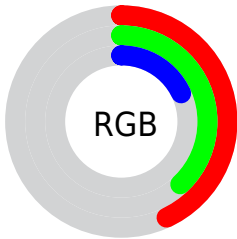
Format	Color
RYB	58, 109, 45
Decimal	7168557
CIELab	41.49, -3.07, 31.31
CIELCh	41, 31.461, 95.602
Yxy	12.1760, 0.4044, 0.4417
Android (android.graphics.Color)	4285358637 (0xFF6D622D)
YUV	95.2470, -24.7718, 12.0614
Hunter-Lab	34.8942, -4.0375, 17.2126

Details

The YUV color **95.2470, -24.7718, 12.0614** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.7530, 24.7718, -12.0614**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9160, -26.0876, 14.1057**, and **48.1650, -23.7453, 9.5023** is the 20% darker color. If you saturate the color by 10%, you get **92.8190, -28.9978, 14.1907**, and if you desaturate by 10%, it is **97.6750, -20.5458, 9.9320**.

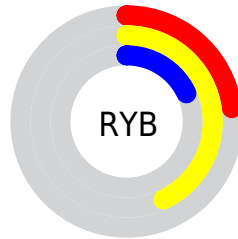
Distribution



Red (43%)

Green (38%)

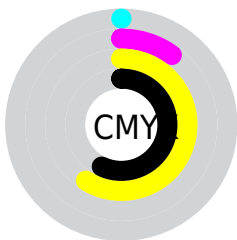
Blue (18%)



Red (23%)

Yellow (43%)

Blue (18%)

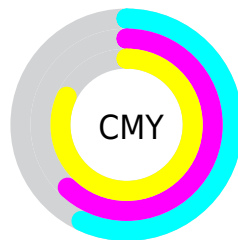


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2470, -24.7718, 12.0614 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 95.2470, -24.7718, 12.0614 by changing the saturation by 10% instead.

95.2470, -24.7718,
12.0614

95.2470, -24.7718,
12.0614

255.0000, 0.0000,
0.0000

71.0620, -24.1876,
11.3466

145.9160,
-26.0876, 14.1057

48.1650, -23.7453,
9.5023

172.9870,
-27.1086, 14.9204

28.9610, -14.2778,
6.1732

200.1720,
-27.6928, 15.6352

4.6960, -2.3151,
-4.1184

228.3570,
-28.2770, 16.3499

0.0000, 0.0000,
0.0000

248.5020,
-24.8975, 5.6987

251.6940,

-12.6671, 2.8994

■ 95.2470, -24.7718,
12.0614

■ 95.2470, -24.7718,
12.0614

■ 92.8190, -28.9978,
14.1907

■ 97.6750, -20.5458,
9.9320

■ 90.3910, -33.2238,
16.3201

■ 100.1030,
-16.3198, 7.8027

■ 87.9630, -37.4498,
18.4494

■ 102.5310,
-12.0938, 5.6733

■ 86.1220, -41.9651,
20.0640

■ 104.3720, -7.5784,
4.0588

■ 85.4210, -42.1126,
20.6788

■ 106.6860, -3.7892,
2.0294

■ 109.1140, 0.4368,
-0.1000

■ 111.5420, 4.6628,
-2.2293

■ 113.9700, 8.8888,
-4.3587

■ 116.3980, 13.1148,
-6.4880

Harmonies

Analogous

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



97.2260, -22.7894, 29.6198



95.2470, -24.7718, 12.0614



92.3090, -18.8863, -9.0410

Triad

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



95.2470, -24.7718, 12.0614



79.0480, 23.6403, -69.3251



100.7060, 9.5119, 29.1988

Complementary

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



95.2470, -24.7718, 12.0614



58.7530, 24.7718, -12.0614

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.



100.1960, 19.6234, 5.9671



95.2470, -24.7718, 12.0614



78.6380, 32.2235, -68.9655

Square

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



95.2470, -24.7718, 12.0614



76.7850, 12.4310, -67.3404



94.2350, 26.9991, -26.5161



98.9820, -2.4561, 41.2348

Rectangle

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



95.2470, -24.7718, 12.0614



89.0880, -10.3964, -25.5102



94.2350, 26.9991, -26.5161



100.8730, 12.8806, 22.0364

Sweetspot

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



95.2470, -24.7718, 12.0614



137.1010, -9.9098, 5.1734



65.5040, -4.1925, 38.1460



68.1160, -5.9732, 2.5293



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.



95.2470, -24.7718, 12.0614



121.6210, -38.7602, 18.7494



95.7240, -25.0069, -5.8969



52.7290, -2.3314, 1.1147



91.9220, -45.3175, 21.9934



192.4160, -94.8611, 46.1162

Inverse Universe

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



58.7530, 24.7718, -12.0614



64.3790, 38.7602, -18.7494



58.2760, 25.0069, 5.8969



49.2710, 2.3314, -1.1147



25.0780, 45.3175, -21.9934



52.5840, 94.8611, -46.1162

Previews

White Background



This preview shows how the YUV color 95.2470, -24.7718, 12.0614 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 95.2470, -24.7718, 12.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

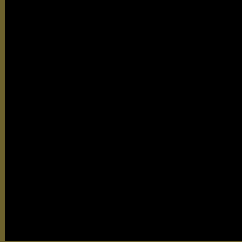
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2470, -24.7718, 12.0614

Background



This preview shows how black text looks on a background with the YUV color 95.2470, -24.7718, 12.0614.



This preview shows how white text looks on a background with the YUV color 95.2470, -24.7718,

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

95.2470, -24.7718, 12.0614

Protanopia

95.2470, -24.7718, 12.0614

Deuteranopia

96.0140, -24.6569, 21.9127



Tritanopia

99.3760, -0.1854, 12.8252

Trichromacy



Original Color

95.2470, -24.7718, 12.0614

Protanomaly

95.2470, -24.7718, 12.0614

Deuteranomaly

95.9920, -24.6461, 18.4240

Tritanomaly

97.6720, -9.2053, 12.5657

Monochromacy



Original Color

95.2470, -24.7718, 12.0614

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0300, -8.8888, 4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2470, -24.7718, 12.0614 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(109, 98, 45)` looks like.

```
.text, #text, p{  
    color:rgb(109, 98, 45)  
}
```

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(109, 98, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 98, 45) }
```

Border

The CSS property to change the border of an element to YUV 95.2470, -24.7718, 12.0614 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(109, 98, 45) }
```


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

```
.border{ border-color:rgb(109, 98, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 98, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 98, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 98, 45);  
box-shadow:4px 4px 4px 4px rgb(109, 98,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 95.2470, -24.7718, 12.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 98, 45) }
```

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

```
.background{ background-color: rgb(109, 98,  
45) }
```

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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