

Converting Colors

YUV(93.1660, -25.2248,
17.3944)

Have a look what the booklet for
YUV(93.1660, -25.2248, 17.3944)
contains.

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Color

**YUV(93.1660, -25.2248,
17.3944)**

Conversions

Conversions Part 1

Format	Color
Hex	715D2A
RGB	113, 93, 42
RGB Percent	44%, 36%, 16%
CMY	0.5569, 0.6353, 0.8353
CMYK	0.00, 0.18, 0.63, 0.56
HSL	43°, 46%, 30%
HSV	43°, 63%, 44%
XYZ	11.1423, 11.5066, 3.8242
YIQ	93.1660, 28.2910, -11.6210

Conversions

Conversions Part 2

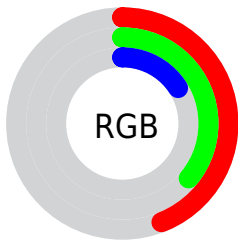
Format	Color
R_{YB}	70, 113, 42
Decimal	7429418
CIE Lab	40.42, 1.51, 31.78
CIE LCh	40, 31.816, 87.271
Yxy	11.5066, 0.4209, 0.4347
Android (android.graphics.Color)	4285619498 (0xFF715D2A)
YUV	93.1660, -25.2248, 17.3944
Hunter-Lab	33.9213, -0.7295, 17.0607

Details

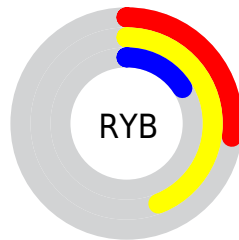
The YUV color **93.1660, -25.2248, 17.3944** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.8340, 25.2248, -17.3944**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0200, -27.1249, 20.1535**, and **46.4260, -22.8880, 14.5354** is the 20% darker color. If you saturate the color by 10%, you get **90.1510, -29.1614, 20.0386**, and if you desaturate by 10%, it is **96.1810, -21.2882, 14.7503**.

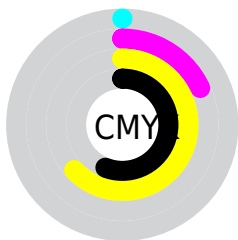
Distribution



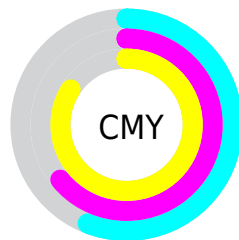
- Red (44%)
- Green (36%)
- Blue (16%)



- Red (27%)
- Yellow (44%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (63%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1660, -25.2248, 17.3944 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 93.1660, -25.2248, 17.3944 by changing the saturation by 10% instead.

■ 93.1660, -25.2248,
17.3944

■ 93.1660, -25.2248,
17.3944

255.0000, 0.0000,
0.0000

■ 69.2690, -24.7826,
15.5501

■ 144.0200,
-27.1249, 20.1535

■ 46.4260, -22.8880,
14.5354

■ 170.5040,
-27.8565, 21.4830

■ 27.2110, -13.4150,
9.4620

■ 198.2760,
-28.7301, 21.6829

■ 1.7940, -0.8844,
3.6887

■ 226.7600,
-29.4617, 23.0125

■ 0.0000, 0.0000,
0.0000

■ 246.8720,
-26.0659, 7.1283

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 93.1660, -25.2248,
17.3944

■ 93.1660, -25.2248,
17.3944

■ 90.1510, -29.1614,
20.0386

■ 96.1810, -21.2882,
14.7503

■ 87.0220, -33.5348,
22.7827

■ 99.3100, -16.9148,
12.0061

■ 83.4200, -37.1821,
25.9417

■ 102.9120,
-13.2676, 8.8472

■ 81.3340, -40.0977,
27.7711

■ 105.9270, -9.3310,
6.2030

■ 108.9420, -5.3944,
3.5589

■ 112.0710, -1.0210,
0.8147

■ 115.0860, 2.9156,
-1.8294

■ 118.1010, 6.8522,
-4.4736

■ 121.8170, 10.9362,
-7.7325

Harmonies

Analogous

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



95.0030, -21.2005, 33.3234



93.1660, -25.2248, 17.3944



90.6580, -21.5234, -3.2081

Triad

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



93.1660, -25.2248, 17.3944



76.8480, 20.2879, -67.3957



98.4710, 12.5858, 23.2659

Complementary

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



93.1660, -25.2248, 17.3944



61.8340, 25.2248, -17.3944

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.



96.5370, 22.4133, -2.2249



93.1660, -25.2248, 17.3944



77.3670, 29.8921, -67.8509

Square

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



93.1660, -25.2248, 17.3944



73.8840, 8.9312, -64.7963



88.0270, 29.0737, -38.6117



97.1820, 0.8963, 39.3054

Rectangle

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



93.1660, -25.2248, 17.3944



88.3940, -14.4912, -18.7625



88.0270, 29.0737, -38.6117



98.3390, 16.1019, 15.4887

Sweetspot

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



93.1660, -25.2248, 17.3944



140.1120, -9.9152, 6.9178



65.5090, -1.7299, 41.6496



69.1270, -5.9786, 4.2736



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



93.1660, -25.2248, 17.3944



117.1490, -39.5135, 27.0563



100.4210, -28.8016, -2.1232



54.7290, -2.3314, 1.1147



86.3620, -42.5765, 29.5005



178.3390, -87.9211, 60.2157

Inverse Universe

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



61.8340, 25.2248, -17.3944



67.8510, 39.5135, -27.0563



54.5790, 28.8016, 2.1232



51.8580, 2.0420, -1.6295



33.6380, 42.5765, -29.5005



69.2480, 87.6317, -60.7305

Previews

White Background



This preview shows how the YUV color 93.1660, -25.2248, 17.3944 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 93.1660, -25.2248, 17.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

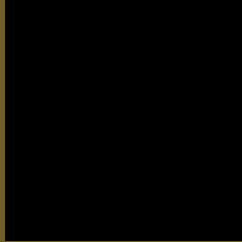
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1660, -25.2248, 17.3944

Background



This preview shows how black text looks on a background with the YUV color 93.1660, -25.2248, 17.3944.



This preview shows how white text looks on a background with the YUV color 93.1660, -25.2248,

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

93.1660, -25.2248, 17.3944

Protanopia

92.9480, -24.6244, 11.4466

Deuteranopia

93.6010, -24.9463, 21.3979



Tritanopia

96.7680, -1.3646, 17.7435

Trichromacy



Original Color

93.1660, -25.2248, 17.3944

Protanomaly

93.2580, -24.7772, 13.8057

Deuteranomaly

93.5900, -24.9409, 19.6536

Tritanomaly

95.4770, -10.0952, 17.9987

Monochromacy



Original Color

93.1660, -25.2248, 17.3944

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9270, -9.3310, 6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1660, -25.2248, 17.3944 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(113, 93, 42)` looks like.

```
.text, #text, p{  
    color:rgb(113, 93, 42)  
}
```

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(113, 93, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 93, 42) }
```

Border

The CSS property to change the border of an element to YUV 93.1660, -25.2248, 17.3944 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(113, 93, 42) }
```


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

```
.border{ border-color:rgb(113, 93, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 93, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 93, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 93, 42);  
box-shadow:4px 4px 4px 4px rgb(113, 93,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 93.1660, -25.2248, 17.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 93, 42) }
```

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

```
.background{ background-color: rgb(113, 93,  
42) }
```

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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