

Converting Colors

YUV(87.6280, 14.4804, 22.2512)

Have a look what the booklet for
YUV(87.6280, 14.4804, 22.2512)
contains.

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Color

**YUV(87.6280, 14.4804,
22.2512)**

Conversions

Conversions Part 1

Format	Color
Hex	714575
RGB	113, 69, 117
RGB Percent	44%, 27%, 46%
CMY	0.5569, 0.7294, 0.5412
CMYK	0.03, 0.41, 0.00, 0.54
HSL	295°, 26%, 36%
HSV	295°, 41%, 46%
XYZ	12.1491, 9.0513, 17.9364
YIQ	87.6280, 10.8160, 24.2560

Conversions

Conversions Part 2

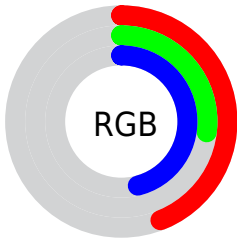
Format	Color
R_{YB}	113, 69, 117
Decimal	7423349
CIE _{Lab}	36.08, 27.37, -19.84
CIE _{LCh}	36, 33.805, 324.066
Yxy	9.0513, 0.3104, 0.2313
Android (android.graphics.Color)	4285613429 (0xFF714575)
YUV	87.6280, 14.4804, 22.2512
Hunter-Lab	30.0854, 19.4323, -14.2879

Details

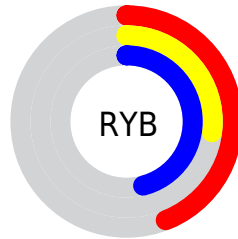
The YUV color **87.6280, 14.4804, 22.2512** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.3720, -14.4804, -22.2512**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1660, 15.2012, 24.4104**, and **40.5030, 14.0490, 20.6069** is the 20% darker color. If you saturate the color by 10%, you get **80.2850, 18.1005, 27.8141**, and if you desaturate by 10%, it is **94.9710, 10.8603, 16.6884**.

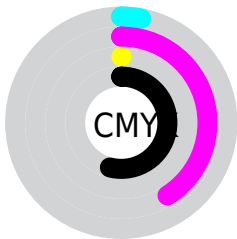
Distribution



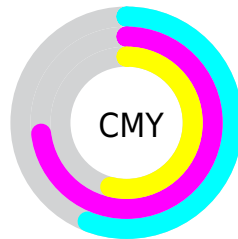
- Red (44%)
- Green (27%)
- Blue (46%)



- Red (44%)
- Yellow (27%)
- Blue (46%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6280, 14.4804, 22.2512 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 87.6280, 14.4804, 22.2512 by changing the saturation by 10% instead.

■ 87.6280, 14.4804,
22.2512

■ 87.6280, 14.4804,
22.2512

■ 255.0000, 0.0000,
0.0000

■ 63.8020, 13.9016,
21.2216

■ 138.1660, 15.2012,
24.4104

■ 40.5030, 14.0490,
20.6069

■ 164.6930, 15.9274,
24.8252

■ 18.0900, 13.7596,
20.0921

■ 192.1060, 16.2167,
25.3400

■ 6.4380, 9.1511,
4.8779

■ 220.4050, 16.0693,
25.9548

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 8.1029,
14.4144

87.6280, 14.4804,
22.2512

87.6280, 14.4804,
22.2512

80.2850, 18.1005,
27.8141

94.9710, 10.8603,
16.6884

73.5290, 21.4312,
32.8621

101.7270, 7.5296,
11.6404

66.1860, 25.0513,
38.4249

109.0700, 3.9095,
6.0776

58.8430, 28.6714,
43.9877

116.4130, 0.2894,
0.5148

52.0870, 32.0021,
49.0357

123.7560, -3.3307,
-5.0480


45.3310, 35.3328,
54.0837

130.5120, -6.6614,
-10.0960

137.8550,
-10.2815, -15.6588

145.1980,

-13.9016, -21.2216

 151.9540,
-17.2323, -26.2697

Harmonies

Analogous

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



85.2590, 24.0293, -7.2431



87.6280, 14.4804, 22.2512



86.2360, 2.3487, 40.1350

Triad

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



87.6280, 14.4804, 22.2512



82.8350, -26.5407, 19.4387



69.6100, 17.9403, -61.0480

Complementary

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



87.6280, 14.4804, 22.2512



98.3720, -14.4804, -22.2512

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.



66.4180, 5.7099, -58.2486



87.6280, 14.4804, 22.2512



80.2130, -23.2760, -1.0638

Square

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



87.6280, 14.4804, 22.2512



83.8400, -20.6271, 36.0973



75.1480, -11.4120, -26.4398



70.9440, 28.1286, -62.2179

Rectangle

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



87.6280, 14.4804, 22.2512



84.4940, -5.6665, 44.2938



75.1480, -11.4120, -26.4398



68.5840, 14.0091, -60.1482

Sweetspot

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



87.6280, 14.4804, 22.2512



141.8360, 5.5039, 8.0368



76.8200, 19.8087, -6.8581



70.2440, 3.3307, 5.0480



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



87.6280, 14.4804, 22.2512



107.1810, 22.5888, 34.9213



86.5440, 5.1548, 26.7099



55.1790, 1.8838, 2.4740



47.3960, 36.7798, 56.6577



96.9710, 75.4433, 115.7894

Inverse Universe

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



83.8080, -5.3283, 29.1094



101.1090, -8.4347, 45.5084



99.4560, -5.1548, -26.7099



54.7940, -0.8844, 3.6887



37.6180, -13.6157, 74.0030



77.1440, -27.6790, 151.5947

Previews

White Background



This preview shows how the YUV color 87.6280, 14.4804, 22.2512 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 87.6280, 14.4804, 22.2512 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 87.6280, 14.4804, 22.2512

Background



This preview shows how black text looks on a background with the YUV color 87.6280, 14.4804, 22.2512.



This preview shows how white text looks on a background with the YUV color 87.6280, 14.4804,

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

87.6280, 14.4804, 22.2512

Protanopia

84.9440, 21.7196, -13.1059

Deuteranopia

85.3270, 14.1358, -7.3028



Tritanopia

86.8390, -2.3856, 18.5582

Trichromacy



Original Color

87.6280, 14.4804, 22.2512

Protanomaly

86.3370, 19.0609, -0.2955

Deuteranomaly

86.3930, 14.1033, 3.1633

Tritanomaly

87.1580, 3.8661, 20.0324

Monochromacy



Original Color

87.6280, 14.4804, 22.2512

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6280, 14.4804, 22.2512 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, 69, 117)` looks like.

```
.text, #text, p{  
    color:rgb(113, 69, 117)  
}
```

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, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 69, 117) }
```

Border

The CSS property to change the border of an element to YUV 87.6280, 14.4804, 22.2512 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, 69, 117) }
```


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

```
.border{ border-color:rgb(113, 69, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 69, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 69, 117);  
box-shadow:4px 4px 4px 4px rgb(113, 69,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 87.6280, 14.4804, 22.2512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 69, 117) }
```

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

```
.background{ background-color: rgb(113, 69,  
117) }
```

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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