

Converting Colors

YUV(17.2500, 54.5998,
-12.4972)

Have a look what the booklet for
YUV(17.2500, 54.5998, -12.4972)
contains.

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Color

**YUV(17.2500, 54.5998,
-12.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	030380
RGB	3, 3, 128
RGB Percent	1%, 1%, 50%
CMY	0.9882, 0.9882, 0.4980
CMYK	0.98, 0.98, 0.00, 0.50
HSL	240°, 95%, 26%
HSV	240°, 98%, 50%
XYZ	3.9664, 1.6430, 20.5302
YIQ	17.2500, -40.1250, 38.8750

Conversions

Conversions Part 2

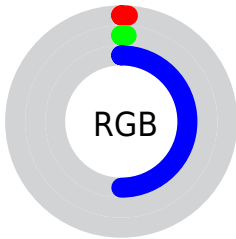
Format	Color
R_{YB}	3, 3, 128
Decimal	197504
CIE _{Lab}	13.49, 46.32, -63.84
CIE _{LCh}	13, 78.874, 305.962
Yxy	1.6430, 0.1517, 0.0629
Android (android.graphics.Color)	4278387584 (0xFF030380)
YUV	17.2500, 54.5998, -12.4972
Hunter-Lab	12.8179, 32.8038, -85.9906

Details

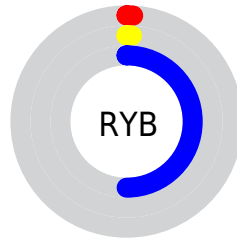
The YUV color **17.2500, 54.5998, -12.4972** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **113.7500, -54.5997, 12.4973**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6760, 51.9247, 5.5461**, and **8.7780, 33.6334, -7.6983** is the 20% darker color. If you saturate the color by 10%, you get **14.5920, 55.9101, -12.7972**, and if you desaturate by 10%, it is **28.7680, 48.9214, -11.1975**.

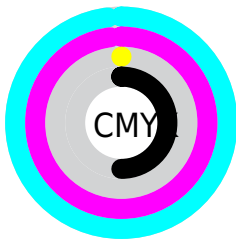
Distribution



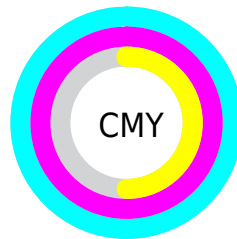
- Red (1%)
- Green (1%)
- Blue (50%)



- Red (1%)
- Yellow (1%)
- Blue (50%)



- Cyan (98%)
- Magenta (98%)
- Yellow (0%)
- Black (50%)



- Cyan (99%)
- Magenta (99%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.2500, 54.5998, -12.4972 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 17.2500, 54.5998, -12.4972 by changing the saturation by 10% instead.

■ 17.2500, 54.5998,
-12.4972

■ 17.2500, 54.5998,
-12.4972

■ 245.0210, 4.9196,
8.7516

■ 11.6280, 44.5534,
-10.1978

■ 76.6760, 51.9247,
5.5461

■ 8.7780, 33.6334,
-7.6983

■ 102.9260, 52.7875,
8.8349

■ 8.9770, 21.7033,
-7.8728

■ 129.5780, 53.9450,
10.8941

■ 4.7080, 12.9620,
-4.1289

■ 155.3350, 49.1348,
13.7382

■ 0.2280, 0.8736,
-0.2000

■ 179.8550, 37.0465,
17.6672

■ 0.0000, 0.0000,
0.0000

■ 204.6740, 24.8107,

22.2109

■ 228.5850, 13.0226,
23.1660

■ 17.2500, 54.5998,
-12.4972

■ 17.2500, 54.5998,
-12.4972

■ 14.5920, 55.9101,
-12.7972

■ 28.7680, 48.9214,
-11.1975

■ 40.2860, 43.2430,
-9.8978

■ 50.9180, 38.0014,
-8.6981

■ 62.4360, 32.3231,
-7.3984

■ 73.9540, 26.6447,
-6.0987

■ 85.4720, 20.9663,
-4.7989

■ 96.9900, 15.2879,
-3.4992

■ 107.6220, 10.0464,
-2.2995

■ 119.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



43.0420, 53.2233, -37.7478



17.2500, 54.5998, -12.4972



39.4330, 20.4925, 53.9943

Triad

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



17.2500, 54.5998, -12.4972



25.3710, -12.5079, 45.2786



34.4800, 5.1864, -30.2390

Complementary

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



17.2500, 54.5998, -12.4972



113.7500, -54.5997, 12.4973

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.



28.7630, -14.1802, -25.2252



17.2500, 54.5998, -12.4972



31.8850, -15.7193, 1.8549

Square

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



17.2500, 54.5998, -12.4972



31.9930, -15.7725, 65.7811



27.5890, -13.6014, -24.1956



42.5110, 28.3421, -37.2821

Rectangle

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



17.2500, 54.5998, -12.4972



40.1130, 2.4093, 67.4299



27.5890, -13.6014, -24.1956



32.2000, -3.5496, -28.2394

Sweetspot

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



17.2500, 54.5998, -12.4972



123.4720, 20.9663, -4.7989



90.6250, 18.4259, -76.8471



58.3060, 12.6671, -2.8994



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



17.2500, 54.5998, -12.4972



18.9240, 72.5085, -16.5963



36.0870, 45.3131, 26.2337



57.7980, 3.0576, -0.6998



14.5920, 55.9101, -12.7972



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.6250, 36.1739, 64.3499



68.5580, 48.0389, 85.4566



95.2120, -45.4605, -25.6189



59.8910, 2.0257, 3.6036



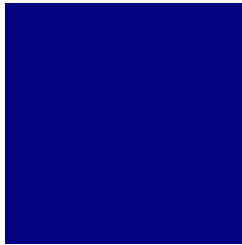
52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 17.2500, 54.5998, -12.4972 looks on a white background.

Color Contrast Check

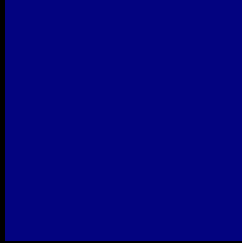
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2500, 54.5998, -12.4972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

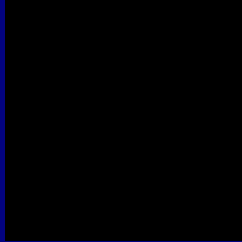
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.2500, 54.5998, -12.4972

Background



This preview shows how black text looks on a background with the YUV color 17.2500, 54.5998, -12.4972.



This preview shows how white text looks on a background with the YUV color 17.2500, 54.5998, -12.4972.

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

17.2500, 54.5998, -12.4972

Protanopia

30.6110, 23.3628, -26.8458

Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Original Color

17.2500, 54.5998, -12.4972

Protanomaly

25.9180, 34.5504, -21.8531

Tritanomaly

25.2850, 24.5095, -21.2979

Monochromacy



Original Color

17.2500, 54.5998, -12.4972

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.1300, 19.6559, -4.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.2500, 54.5998, -12.4972 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(3, 3, 128)` looks like.

```
.text, #text, p{  
    color:rgb(3, 3, 128)  
}
```

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(3, 3, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 3, 128) }
```

Border

The CSS property to change the border of an element to YUV 17.2500, 54.5998, -12.4972 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(3, 3, 128) }
```

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

```
.border{ border-color:rgb(3, 3, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 3, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 3, 128); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 3, 128); box-shadow:4px  
4px 4px 4px rgb(3, 3, 128) }
```


Background

The CSS property to change the background color of an element to YUV 17.2500, 54.5998, -12.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 3, 128) }
```

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

```
.background{ background-color: rgb(3, 3,  
128) }
```

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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