

Converting Colors

YUV(63.7500, 12.4482,
-26.0907)

Have a look what the booklet for
YUV(63.7500, 12.4482, -26.0907)
contains.

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Color

**YUV(63.7500, 12.4482,
-26.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	224A59
RGB	34, 74, 89
RGB Percent	13%, 29%, 35%
CMY	0.8667, 0.7098, 0.6510
CMYK	0.62, 0.17, 0.00, 0.65
HSL	196°, 45%, 24%
HSV	196°, 62%, 35%
XYZ	4.9116, 5.9589, 10.3425
YIQ	63.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

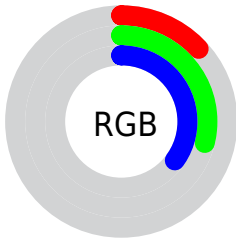
Format	Color
RYB	34, 57, 89
Decimal	2247257
CIELab	29.31, -9.06, -13.14
CIElCh	29, 15.956, 235.410
Yxy	5.9589, 0.2315, 0.2809
Android (android.graphics.Color)	4280437337 (0xFF224A59)
YUV	63.7500, 12.4482, -26.0907
Hunter-Lab	24.4109, -6.8036, -8.0326

Details

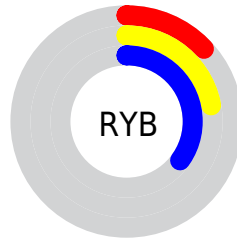
The YUV color **63.7500, 12.4482, -26.0907** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **59.2500, -12.4482, 26.0908**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1630, 12.7376, -25.5760**, and **22.5120, 10.1006, -19.7430** is the 20% darker color. If you saturate the color by 10%, you get **59.8850, 14.3537, -30.5941**, and if you desaturate by 10%, it is **67.6150, 10.5428, -21.5874**.

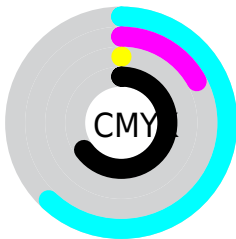
Distribution



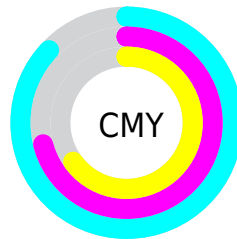
- Red (13%)
- Green (29%)
- Blue (35%)



- Red (13%)
- Yellow (22%)
- Blue (35%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7500, 12.4482, -26.0907 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 63.7500, 12.4482, -26.0907 by changing the saturation by 10% instead.

■ 63.7500, 12.4482,
-26.0907

■ 63.7500, 12.4482,
-26.0907

■ 255.0000, 0.0000,
0.0000

■ 38.9560, 13.3327,
-29.7794

■ 113.1630, 12.7376,
-25.5760

■ 22.5120, 10.1006,
-19.7430

■ 138.5760, 13.0270,
-25.0612

■ 3.2090, 9.7570,
-2.8143

■ 165.2770, 13.1744,
-25.6759

■ 0.0000, 0.0000,
0.0000

■ 192.9780, 13.3218,
-26.2907

■ 221.0920, 13.7586,
-26.3907

■ 244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

63.7500, 12.4482,
-26.0907

63.7500, 12.4482,
-26.0907

59.8850, 14.3537,
-30.5941

67.6150, 10.5428,
-21.5874

55.4330, 16.5485,
-34.5827

72.0670, 8.3480,
-17.5988

51.5680, 18.4540,
-39.0861

75.9320, 6.4425,
-13.0954

48.3010, 20.0646,
-42.3600

80.3840, 4.2477,
-9.1068

84.2490, 2.3422,
-4.6034

■ 88.4020, 0.2948,
-1.2296

■ 92.2670, -1.6106,
3.2738

■ 96.1320, -3.5161,
7.7772

■ 100.5840, -5.7109,
11.7658

Harmonies

Analogous

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



62.2890, 8.2385, -29.1945



63.7500, 12.4482, -26.0907



67.2290, 12.7051, -15.1098

Triad

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



63.7500, 12.4482, -26.0907



70.8220, 0.0878, 18.5731



67.6550, -10.1829, -0.5744

Complementary

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



63.7500, 12.4482, -26.0907



59.2500, -12.4482, 26.0908

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.



68.8520, -12.2520, 9.7768



63.7500, 12.4482, -26.0907



70.0520, -5.4486, 21.0024

Square

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



63.7500, 12.4482, -26.0907



70.6730, 6.0772, 10.8108



69.1780, -9.9478, 17.3839



65.5550, -5.2036, -11.0107

Rectangle

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



63.7500, 12.4482, -26.0907



69.0560, 11.8044, -6.1881



69.1780, -9.9478, 17.3839



67.4490, -11.0674, 3.1142

Sweetspot

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



63.7500, 12.4482, -26.0907



104.9000, 4.9793, -10.4363



67.9950, -9.3645, -29.8136



52.4660, 3.2213, -6.5477



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



63.7500, 12.4482, -26.0907



76.0840, 19.1856, -40.4157



47.9010, 20.2618, -12.1912



41.2170, 0.8790, -1.9443



57.9840, 24.1649, -50.8520



127.1670, 53.1617, -111.5255

Inverse Universe

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



55.0050, 9.3645, 29.8136



62.4830, 14.5519, 46.0574



75.0990, -20.2618, 12.1912



40.5380, 0.7208, 2.1592



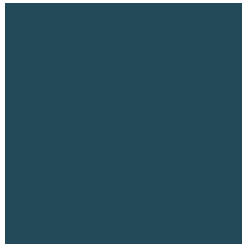
40.8850, 18.2977, 57.9829



89.7590, 40.0518, 127.3764

Previews

White Background



This preview shows how the YUV color 63.7500, 12.4482, -26.0907 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 63.7500, 12.4482, -26.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

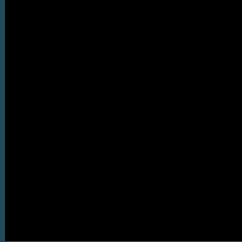
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

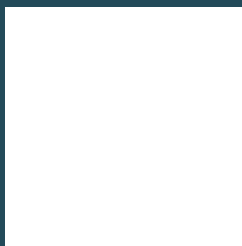
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.7500, 12.4482, -26.0907

Background



This preview shows how black text looks on a background with the YUV color 63.7500, 12.4482, -26.0907.



This preview shows how white text looks on a background with the YUV color 63.7500, 12.4482,

-26.0907.

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

63.7500, 12.4482, -26.0907

Protanopia

69.0410, 7.8678, -3.5440

Deuteranopia

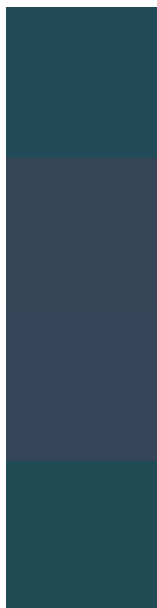
69.3120, 10.1992, -4.6586



Tritanopia

62.2290, 9.2541, -28.2648

Trichromacy



Original Color

63.7500, 12.4482, -26.0907

Protanomaly

67.0400, 9.3473, -11.4361

Deuteranomaly

67.1970, 11.2419, -12.4508

Tritanomaly

62.8700, 10.4171, -27.9500

Monochromacy



Original Color

63.7500, 12.4482, -26.0907

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7500, 12.4482, -26.0907 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(34, 74, 89)` looks like.

```
.text, #text, p{  
    color:rgb(34, 74, 89)  
}
```

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(34, 74, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 74, 89) }
```

Border

The CSS property to change the border of an element to YUV 63.7500, 12.4482, -26.0907 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(34, 74, 89) }
```


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

```
.border{ border-color:rgb(34, 74, 89) }
```

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

Here you see how a box with a 4 pixel rgb(34, 74, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 74, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 74, 89);  
box-shadow:4px 4px 4px 4px rgb(34, 74, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7500, 12.4482, -26.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 74, 89) }
```

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

```
.background{ background-color: rgb(34, 74,  
89) }
```

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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