

Converting Colors

YUV(32.2500, -2.5882, -9.8663)

Have a look what the booklet for
YUV(32.2500, -2.5882, -9.8663)
contains.

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Color

**YUV(32.2500, -2.5882,
-9.8663)**

Conversions

Conversions Part 1

Format	Color
Hex	15271B
RGB	21, 39, 27
RGB Percent	8%, 15%, 11%
CMY	0.9176, 0.8471, 0.8941
CMYK	0.46, 0.00, 0.31, 0.85
HSL	140°, 30%, 12%
HSV	140°, 46%, 15%
XYZ	1.2326, 1.6896, 1.2981
YIQ	32.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

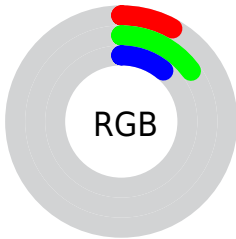
Format	Color
R_{YB}	21, 35, 39
Decimal	1386267
CIE _{Lab}	13.77, -10.83, 5.63
CIE _{LCh}	14, 12.207, 152.525
Yxy	1.6896, 0.2921, 0.4004
Android (android.graphics.Color)	4279576347 (0xFF15271B)
YUV	32.2500, -2.5882, -9.8663
Hunter-Lab	12.9985, -5.8206, 3.1780

Details

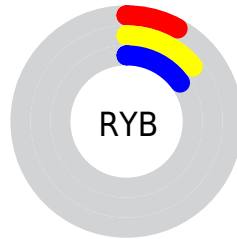
The YUV color **32.2500, -2.5882, -9.8663** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.7500, 2.5882, 9.8663**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.4240, -3.1670, -10.8958**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.7120, -3.3090, -12.0254**, and if you desaturate by 10%, it is **33.7880, -1.8675, -7.7071**.

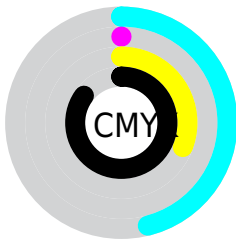
Distribution



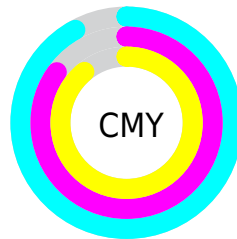
- Red (8%)
- Green (15%)
- Blue (11%)



- Red (8%)
- Yellow (14%)
- Blue (15%)



- Cyan (46%)
- Magenta (0%)
- Yellow (31%)
- Black (85%)



- Cyan (92%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.2500, -2.5882, -9.8663 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 32.2500, -2.5882, -9.8663 by changing the saturation by 10% instead.

■ 32.2500, -2.5882,
-9.8663

■ 32.2500, -2.5882,
-9.8663

■ 252.9070, 1.0318,
-4.3034

■ 11.1530, -5.4984,
-9.7812

■ 76.4240, -3.1670,
-10.8958

■ 0.0000, 0.0000,
0.0000

■ 100.4240, -3.1670,
-10.8958

■ 125.5980, -3.7458,
-11.9254

■ 151.5980, -3.7458,
-11.9254

■ 178.2990, -3.5984,
-12.5402

■ 206.1850, -4.0352,

-12.4402

■ 233.8860, -3.8878,
-13.0550

■ 32.2500, -2.5882,
-9.8663

■ 32.2500, -2.5882,
-9.8663

■ 30.7120, -3.3090,
-12.0254

■ 33.7880, -1.8675,
-7.7071

■ 29.2880, -3.5930,
-14.2846

■ 35.2120, -1.5835,
-5.4479

■ 27.7500, -4.3137,
-16.4437

■ 36.7500, -0.8628,
-3.2887

■ 26.3260, -4.5977,
-18.7029

■ 38.1740, -0.5788,
-1.0296

■ 24.7880, -5.3185,
-20.8621

■ 39.7120, 0.1420,
1.1296

■ 24.3750, -5.6079,
-21.3769

■ 40.9510, 1.0102,
2.6740

■ 42.3750, 1.2941,
4.9331

■ 43.9130, 2.0149,
7.0923

■ 45.3370, 2.2989,
9.3515

Harmonies

Analogous

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



33.3820, -6.1043, -2.0890



32.2500, -2.5882, -9.8663



30.5740, 2.6750, -18.0434

Triad

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



32.2500, -2.5882, -9.8663



34.2360, 8.7577, -8.9770



35.2360, -4.5533, 13.8250

Complementary

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



32.2500, -2.5882, -9.8663



27.7500, 2.5882, 9.8663

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.



36.2620, -0.6222, 12.9252



32.2500, -2.5882, -9.8663



36.0200, 6.3991, 0.8595

Square

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



32.2500, -2.5882, -9.8663



31.2950, 9.2216, -17.7987



36.2660, 3.3199, 8.5367



35.1170, -7.4527, 10.4214

Rectangle

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



32.2500, -2.5882, -9.8663



29.6490, 5.5960, -21.6172



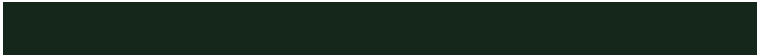
36.2660, 3.3199, 8.5367



35.8770, -3.3904, 14.1399

Sweetspot

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



32.2500, -2.5882, -9.8663



48.3370, -1.1521, -3.8035



35.1540, -6.9779, -1.8891



24.1630, -0.5734, -2.7740



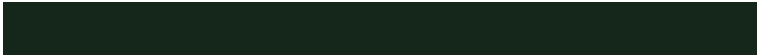
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.2500, -2.5882, -9.8663



40.4620, -4.1718, -15.3142



33.2760, 1.3429, -10.7661



19.2880, -0.1420, -1.1296



52.5000, -12.0785, -46.0425



132.5380, -30.3382, -116.2358

Inverse Universe

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



27.7500, 2.5882, 9.8663



33.5380, 4.1718, 15.3142



26.7240, -1.3429, 10.7661



18.8260, 0.5788, 1.0296



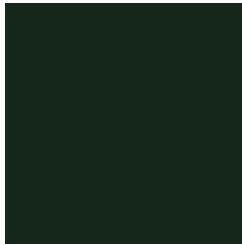
31.5000, 12.0785, 46.0425



79.4620, 30.3382, 116.2358

Previews

White Background



This preview shows how the YUV color 32.2500, -2.5882, -9.8663 looks on a white background.

Color Contrast Check

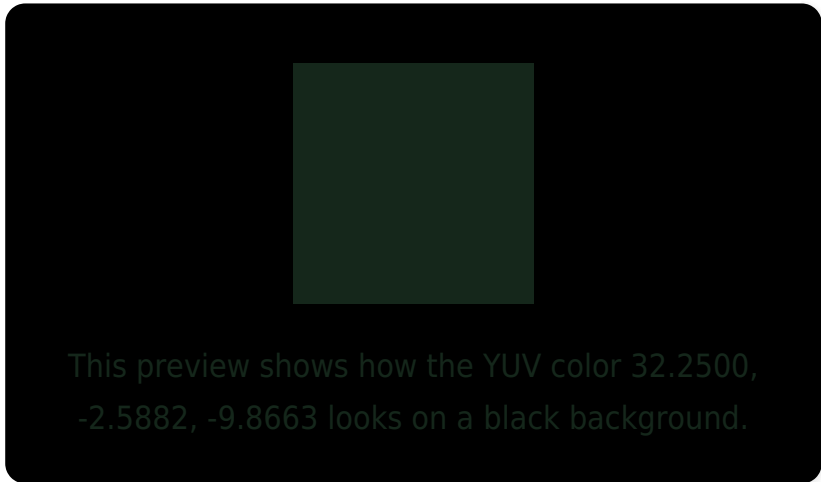
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

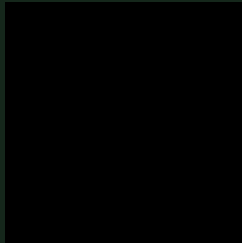
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.2500, -2.5882, -9.8663

Background



This preview shows how black text looks on a background with the YUV color 32.2500, -2.5882, -9.8663.



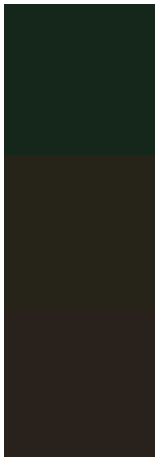
This preview shows how white text looks on a background with the YUV color 32.2500, -2.5882, -9.8663.

-9.8663.

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

32.2500, -2.5882, -9.8663

Protanopia

34.7570, -4.8102, 2.8441

Deuteranopia

35.4090, -3.6526, 4.9033



Tritanopia

33.4550, 3.2267, -8.2920

Trichromacy



Original Color

32.2500, -2.5882, -9.8663

Protanomaly

33.6640, -3.7784, -1.4593

Deuteranomaly

34.4900, -3.1996, -0.4297

Tritanomaly

33.1730, 0.9007, -8.9217

Monochromacy



Original Color

32.2500, -2.5882, -9.8663

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.3370, -1.1521, -3.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.2500, -2.5882, -9.8663 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(21, 39, 27)` looks like.

```
.text, #text, p{  
    color:rgb(21, 39, 27)  
}
```

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(21, 39, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 39, 27) }
```

Border

The CSS property to change the border of an element to YUV 32.2500, -2.5882, -9.8663 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(21, 39, 27) }
```


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

```
.border{ border-color:rgb(21, 39, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 39, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 39, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 39, 27);  
box-shadow:4px 4px 4px 4px rgb(21, 39, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.2500, -2.5882, -9.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 39, 27) }
```

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

```
.background{ background-color: rgb(21, 39,  
27) }
```

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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