

Converting Colors

YUV(41.2750, 2.8224, -18.6582)

Have a look what the booklet for
YUV(41.2750, 2.8224, -18.6582)
contains.

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Color

**YUV(41.2750, 2.8224,
-18.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	14332F
RGB	20, 51, 47
RGB Percent	8%, 20%, 18%
CMY	0.9216, 0.8000, 0.8157
CMYK	0.61, 0.00, 0.08, 0.80
HSL	172°, 44%, 14%
HSV	172°, 61%, 20%
XYZ	1.9854, 2.7216, 3.1100
YIQ	41.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

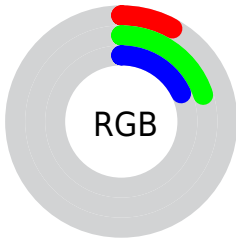
Format	Color
R_{YB}	20, 37, 51
Decimal	1323823
CIE _{Lab}	18.89, -12.70, -0.98
CIE _{LCh}	19, 12.735, 184.397
Yxy	2.7216, 0.2540, 0.3482
Android (android.graphics.Color)	4279513903 (0xFF14332F)
YUV	41.2750, 2.8224, -18.6582
Hunter-Lab	16.4973, -7.3883, 0.3710

Details

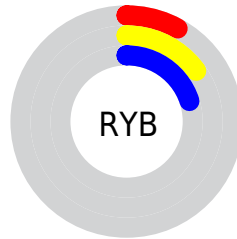
The YUV color **41.2750, 2.8224, -18.6582** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.7250, -2.8224, 18.6582**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8620, 2.5330, -19.1730**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.6660, 3.1227, -21.6321**, and if you desaturate by 10%, it is **42.8840, 2.5222, -15.6843**.

Distribution



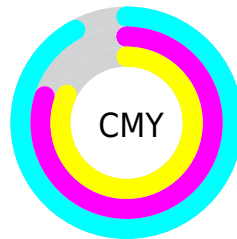
- Red (8%)
- Green (20%)
- Blue (18%)



- Red (8%)
- Yellow (15%)
- Blue (20%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)



- Cyan (92%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2750, 2.8224, -18.6582 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 41.2750, 2.8224, -18.6582 by changing the saturation by 10% instead.

■ 41.2750, 2.8224,
-18.6582

■ 41.2750, 2.8224,
-18.6582

■ 254.1030, 0.4422,
-1.8443

■ 20.5740, 2.6750,
-18.0434

■ 87.8620, 2.5330,
-19.1730

■ 0.0000, 0.0000,
0.0000

■ 111.8620, 2.5330,
-19.1730

■ 137.5630, 2.6804,
-19.7878

■ 164.1500, 2.3911,
-20.3025

■ 191.2640, 2.8278,
-20.4025

■ 219.5520, 2.6859,

-21.5321

■ 245.2040, 3.8434,
-19.4729

■ 41.2750, 2.8224,
-18.6582

■ 41.2750, 2.8224,
-18.6582

■ 39.6660, 3.1227,
-21.6321

■ 42.8840, 2.5222,
-15.6843

■ 38.1710, 3.8597,
-24.7060

■ 44.3790, 1.7852,
-12.6104

■ 36.5620, 4.1599,
-27.6799

■ 45.9880, 1.4849,
-9.6365

■ 34.9530, 4.4602,
-30.6538

■ 47.5970, 1.1847,
-6.6626

■ 49.3910, 0.3002,
-2.9739

■ 51.0000, 0.0000,
0.0000

■ 52.6090, -0.3002,
2.9739

■ 54.1040, -1.0373,
6.0478

■ 55.7130, -1.3375,
9.0217

Harmonies

Analogous

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



42.6520, -2.2934, -11.0958



41.2750, 2.8224, -18.6582



40.8060, 7.4906, -22.6319

Triad

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



41.2750, 2.8224, -18.6582



46.8460, 6.9779, 1.8891



46.3020, -8.0369, 11.1361

Complementary

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



41.2750, 2.8224, -18.6582



29.7250, -2.8224, 18.6582

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.



46.7200, -5.2850, 15.1546



41.2750, 2.8224, -18.6582



47.2770, 3.3144, 10.2811

Square

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



41.2750, 2.8224, -18.6582



45.0620, 9.3364, -7.9474



47.1590, -1.0644, 14.7696



45.3290, -9.0362, 4.9735

Rectangle

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



41.2750, 2.8224, -18.6582



41.9850, 9.3744, -20.1578



47.1590, -1.0644, 14.7696



46.4270, -7.6055, 12.7805

Sweetspot

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



41.2750, 2.8224, -18.6582



62.2980, 1.3321, -7.2773



39.3930, -9.5607, -13.4997



30.7930, 0.5951, -4.2035



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



41.2750, 2.8224, -18.6582



50.9640, 4.4547, -28.9094



35.2740, 7.7529, -13.3953



24.9890, 0.0054, -1.7444



61.1350, 8.3144, -53.6154



148.9250, 19.7570, -130.6072

Inverse Universe

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



29.7250, -2.8224, 18.6582



33.0360, -4.4547, 28.9094



35.7260, -7.7529, 13.3953



23.8970, -0.4422, 1.8443



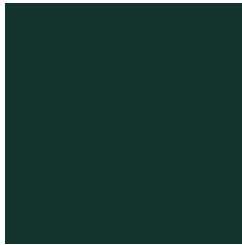
27.9790, -7.8776, 53.5154



68.0750, -19.7570, 130.6072

Previews

White Background



This preview shows how the YUV color 41.2750, 2.8224, -18.6582 looks on a white background.

Color Contrast Check

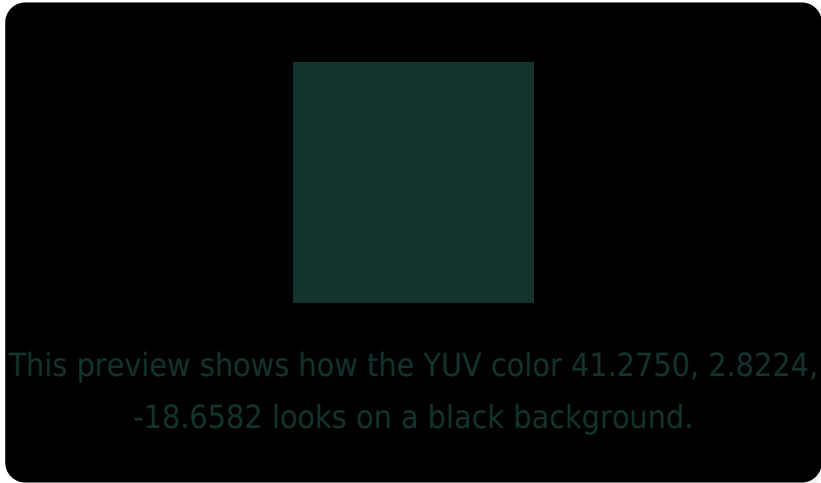
Large Text (above 18pt) WCAG AA ✓ Pass

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

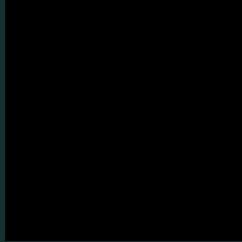
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2750, 2.8224, -18.6582

Background



This preview shows how black text looks on a background with the YUV color 41.2750, 2.8224, -18.6582.



This preview shows how white text looks on a background with the YUV color 41.2750, 2.8224, -18.6582.

-18.6582.

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

41.2750, 2.8224, -18.6582

Protanopia

46.0710, -1.0210, 0.8147

Deuteranopia

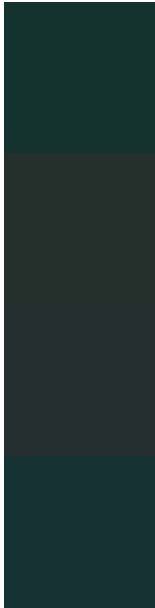
46.5380, 0.7208, 2.1592



Tritanopia

42.3830, 5.7272, -16.9989

Trichromacy



Original Color

41.2750, 2.8224, -18.6582

Protanomaly

44.3690, 0.3111, -6.4626

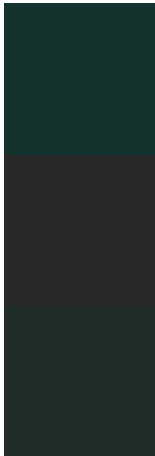
Deuteranomaly

44.4230, 1.7635, -5.6330

Tritanomaly

41.7420, 4.5642, -17.3137

Monochromacy



Original Color

41.2750, 2.8224, -18.6582

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2750, 2.8224, -18.6582 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(20, 51, 47)` looks like.

```
.text, #text, p{  
    color:rgb(20, 51, 47)  
}
```

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(20, 51, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 51, 47) }
```

Border

The CSS property to change the border of an element to YUV 41.2750, 2.8224, -18.6582 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(20, 51, 47) }
```


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

```
.border{ border-color:rgb(20, 51, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 51, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 51, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 51, 47);  
box-shadow:4px 4px 4px 4px rgb(20, 51, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.2750, 2.8224, -18.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 51, 47) }
```

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

```
.background{ background-color: rgb(20, 51,  
47) }
```

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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