

Converting Colors

YUV(46.9750, 7.9003, -14.0101)

Have a look what the booklet for
YUV(46.9750, 7.9003, -14.0101)
contains.

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Color

**YUV(46.9750, 7.9003,
-14.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	1F343F
RGB	31, 52, 63
RGB Percent	12%, 20%, 25%
CMY	0.8784, 0.7961, 0.7529
CMYK	0.51, 0.17, 0.00, 0.75
HSL	201°, 34%, 18%
HSV	201°, 51%, 25%
XYZ	2.6903, 3.1062, 5.1604
YIQ	46.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

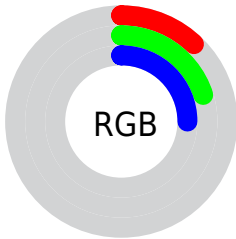
Format	Color
R_YB	31, 44, 63
Decimal	2044991
CIE Lab	20.46, -4.80, -9.51
CIE LCh	20, 10.649, 243.238
Yxy	3.1062, 0.2455, 0.2835
Android (android.graphics.Color)	4280235071 (0xFF1F343F)
YUV	46.9750, 7.9003, -14.0101
Hunter-Lab	17.6243, -3.5954, -5.0230




Details

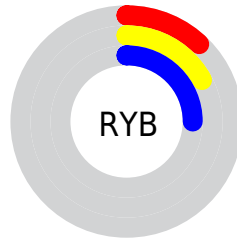
The YUV color **46.9750, 7.9003, -14.0101** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.0250, -7.9003, 14.0101**, and the grayscale version is **47.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **93.2030, 8.7739, -14.2100**, and **4.7420, 8.0152, -4.1587** is the 20% darker color. If you saturate the color by 10%, you get **44.0070, 9.3635, -16.6691**, and if you desaturate by 10%, it is **49.9430, 6.4371, -11.3510**.

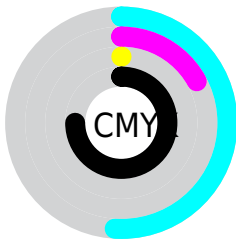
Distribution







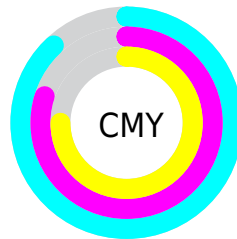
-  Red (12%)
-  Green (20%)
-  Blue (25%)






-  Red (12%)
-  Yellow (17%)
-  Blue (25%)



-  Cyan (51%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (88%)
-  Magenta (80%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9750, 7.9003, -14.0101 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 46.9750, 7.9003, -14.0101 by changing the saturation by 10% instead.

■ 46.9750, 7.9003,
-14.0101

■ 46.9750, 7.9003,
-14.0101

■ 255.0000, 0.0000,
0.0000

■ 25.2630, 7.7583,
-15.1397

■ 93.2030, 8.7739,
-14.2100

■ 4.7420, 8.0152,
-4.1587

■ 118.2030, 8.7739,
-14.2100

■ 0.0000, 0.0000,
0.0000

■ 143.9040, 8.9213,
-14.8248

■ 170.6050, 9.0687,
-15.4396

■ 197.7190, 9.5055,
-15.5396

■ 225.7190, 9.5055,

-15.5396

■ 249.3190, 2.8007,
-11.6808

■ 46.9750, 7.9003,
-14.0101

■ 46.9750, 7.9003,
-14.0101

■ 44.0070, 9.3635,
-16.6691

■ 49.9430, 6.4371,
-11.3510

■ 40.7400, 10.9742,
-19.9430

■ 53.2100, 4.8265,
-8.0772

■ 37.7720, 12.4374,
-22.6020

■ 56.1780, 3.3632,
-5.4181

■ 34.2170, 14.1900,
-24.7463

■ 59.7330, 1.6106,
-3.2738

■ 31.2490, 15.6532,
-27.4054

■ 63.0000, 0.0000,
0.0000

■ 65.9680, -1.4632,
2.6591

■ 68.9360, -2.9264,
5.3181

■ 71.9040, -4.3897,
7.9772

■ 75.1710, -6.0003,
11.2510

Harmonies

Analogous

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



45.4970, 6.1640, -17.0989



46.9750, 7.9003, -14.0101



49.0190, 7.8786, -7.0327

Triad

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



46.9750, 7.9003, -14.0101



50.8490, -0.9116, 12.4104



47.7950, -5.8149, -1.5742

Complementary

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



46.9750, 7.9003, -14.0101



47.0250, -7.9003, 14.0101

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.



48.7850, -7.2890, 4.5736



46.9750, 7.9003, -14.0101



49.9370, -4.4059, 13.2103

Square

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



46.9750, 7.9003, -14.0101



50.7390, 2.5937, 8.1219



49.3450, -6.5791, 10.2214



46.9620, -2.4463, -8.7367

Rectangle

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



46.9750, 7.9003, -14.0101



49.8240, 6.9888, -1.5996



49.3450, -6.5791, 10.2214



48.5780, -6.6940, 0.3701

Sweetspot

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



46.9750, 7.9003, -14.0101



75.1780, 3.3632, -5.4181



51.0380, -4.4557, -17.5733



36.8470, 2.0474, -3.3738



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



46.9750, 7.9003, -14.0101



56.4840, 12.5794, -21.4725



37.5830, 12.5306, -5.7733



29.5160, 0.7316, -1.3295



47.1100, 23.1168, -41.3155



111.0100, 54.7181, -97.3558

Inverse Universe

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



42.9620, 4.4557, 17.5733



50.5980, 6.6072, 27.5396



56.4170, -12.5306, 5.7733



29.1250, 0.4314, 1.6444



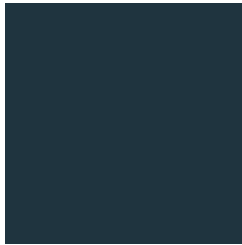
35.1740, 13.2252, 51.5904



83.0220, 31.0482, 121.8837

Previews

White Background



This preview shows how the YUV color 46.9750, 7.9003, -14.0101 looks on a white background.

Color Contrast Check

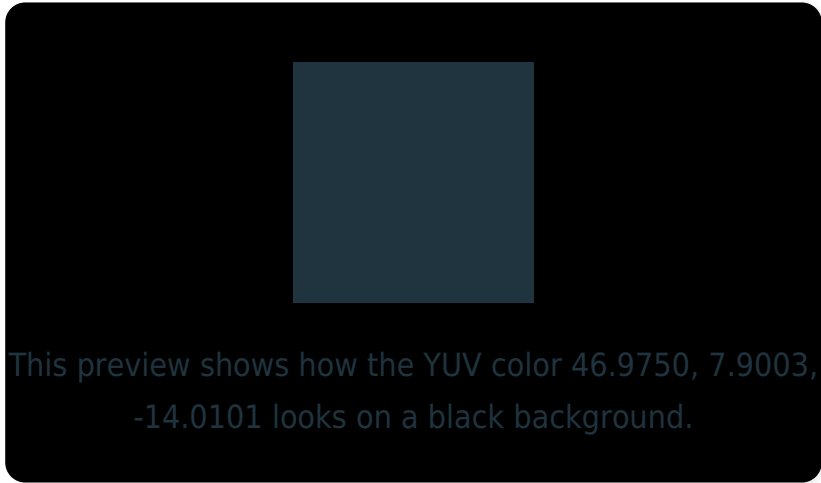
Large Text (above 18pt) WCAG AA ✓ Pass

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

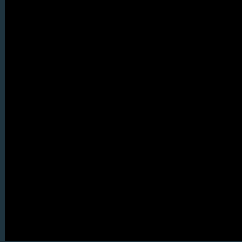
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9750, 7.9003, -14.0101

Background



This preview shows how black text looks on a background with the YUV color 46.9750, 7.9003, -14.0101.



This preview shows how white text looks on a background with the YUV color 46.9750, 7.9003, -14.0101.

-14.0101.

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

46.9750, 7.9003, -14.0101

Protanopia

49.4710, 5.6838, -3.0441

Deuteranopia

49.2260, 7.2836, -2.8292



Tritanopia

46.2800, 5.2850, -15.1546

Trichromacy



Original Color

46.9750, 7.9003, -14.0101

Protanomaly

48.6770, 6.5682, -6.7327

Deuteranomaly

48.3180, 7.7312, -6.4179

Tritanomaly

46.8070, 6.0111, -14.7397

Monochromacy



Original Color

46.9750, 7.9003, -14.0101

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0640, 2.9264, -5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9750, 7.9003, -14.0101 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(31, 52, 63)` looks like.

```
.text, #text, p{  
    color:rgb(31, 52, 63)  
}
```

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(31, 52, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 52, 63) }
```

Border

The CSS property to change the border of an element to YUV 46.9750, 7.9003, -14.0101 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(31, 52, 63) }
```


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

```
.border{ border-color:rgb(31, 52, 63) }
```

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

Here you see how a box with a 4 pixel rgb(31, 52, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 52, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 52, 63);  
box-shadow:4px 4px 4px 4px rgb(31, 52, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9750, 7.9003, -14.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 52, 63) }
```

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

```
.background{ background-color: rgb(31, 52,  
63) }
```

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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