

Converting Colors

YUV(46.5310, 14.5282,
-39.9307)

Have a look what the booklet for
YUV(46.5310, 14.5282, -39.9307)
contains.

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Color

**YUV(46.5310, 14.5282,
-39.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	01404C
RGB	1, 64, 76
RGB Percent	0%, 25%, 30%
CMY	0.9961, 0.7490, 0.7020
CMYK	0.99, 0.16, 0.00, 0.70
HSL	190°, 97%, 15%
HSV	190°, 99%, 30%
XYZ	3.1504, 4.1950, 7.4812
YIQ	46.5310, -41.4000, -9.6240

Conversions

Conversions Part 2

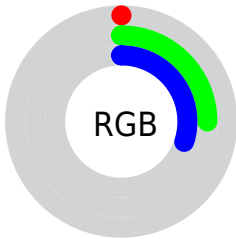
Format	Color
R_YB	1, 35, 76
Decimal	81996
CIE _{Lab}	24.31, -13.12, -12.42
CIE _{LCh}	24, 18.068, 223.435
Yxy	4.1950, 0.2125, 0.2829
Android (android.graphics.Color)	4278272076 (0xFF01404C)
YUV	46.5310, 14.5282, -39.9307
Hunter-Lab	20.4818, -8.3871, -7.3189

Details

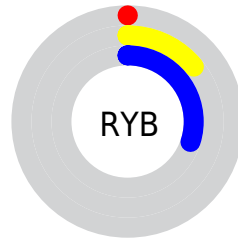
The YUV color **46.5310, 14.5282, -39.9307** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **30.4690, -14.5282, 39.9307**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5320, 13.0487, -32.0386**, and **16.5620, 7.6109, -14.5249** is the 20% darker color. If you saturate the color by 10%, you get **46.2320, 14.6756, -40.5455**, and if you desaturate by 10%, it is **49.5100, 13.0596, -35.5273**.

Distribution



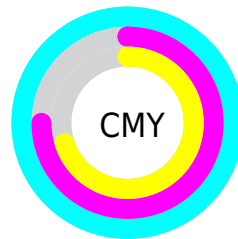
- Red (0%)
- Green (25%)
- Blue (30%)



- Red (0%)
- Yellow (14%)
- Blue (30%)



- Cyan (99%)
- Magenta (16%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5310, 14.5282, -39.9307 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 46.5310, 14.5282, -39.9307 by changing the saturation by 10% instead.

■ 46.5310, 14.5282,
-39.9307

■ 46.5310, 14.5282,
-39.9307

■ 254.4020, 0.2948,
-1.2296

■ 30.6960, 10.9959,
-26.9204

■ 98.5320, 13.0487,
-32.0386

■ 16.5620, 7.6109,
-14.5249

■ 123.6460, 13.4855,
-32.1385

■ 0.6840, 2.6208,
-0.5999

■ 150.5320, 13.0487,
-32.0386

■ 0.0000, 0.0000,
0.0000

■ 177.3470, 13.6329,
-32.7533

■ 205.3470, 13.6329,
-32.7533

■ 232.6630, 11.0121,

-32.1535

■ 245.7310, 4.5696,
-19.0581

■ 46.5310, 14.5282,
-39.9307

■ 46.5310, 14.5282,
-39.9307

■ 46.2320, 14.6756,
-40.5455

■ 49.5100, 13.0596,
-35.5273

■ 52.1900, 11.7383,
-31.7386

■ 55.7560, 9.9803,
-27.8500

■ 58.4360, 8.6591,
-24.0614

■ 61.4150, 7.1904,
-19.6580

■ 64.3940, 5.7218,
-15.2545

■ 67.6610, 4.1111,
-11.9807

■ 70.6400, 2.6425,
-7.5773

■ 73.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



47.5440, 8.1128, -35.5571



46.5310, 14.5282, -39.9307



52.5590, 15.5004, -25.0462

Triad

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



46.5310, 14.5282, -39.9307



59.3210, 3.2927, 17.2585



56.4060, -12.5252, 4.0289

Complementary

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



46.5310, 14.5282, -39.9307



30.4690, -14.5282, 39.9307

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.



57.1730, -12.4103, 13.8803



46.5310, 14.5282, -39.9307



58.6330, -3.2701, 22.2469

Square

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



46.5310, 14.5282, -39.9307



59.4490, 9.1456, 6.6222



58.4280, -9.0850, 20.6726



54.4800, -8.1246, -7.4370

Rectangle

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



46.5310, 14.5282, -39.9307



56.2830, 14.1575, -14.2802



58.4280, -9.0850, 20.6726



56.3140, -12.9728, 7.6176

Sweetspot

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



46.5310, 14.5282, -39.9307



87.9810, 5.4324, -15.7693



46.2790, -16.8995, -39.7097



43.8570, 3.5215, -9.5216



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



46.5310, 14.5282, -39.9307



60.5940, 18.9342, -53.1409



24.8120, 25.2357, -20.8831



36.8040, 0.5896, -2.4591



62.1100, 19.6658, -54.4705



139.5110, 44.6111, -122.3511

Inverse Universe

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



30.6070, 16.4627, 39.8097



39.1770, 22.0977, 52.4648



52.1880, -25.2357, 20.8831



35.6520, 1.1576, 2.0592



40.3020, 22.5291, 54.1091



90.7720, 50.3984, 122.1030

Previews

White Background



This preview shows how the YUV color 46.5310, 14.5282, -39.9307 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 46.5310, 14.5282, -39.9307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

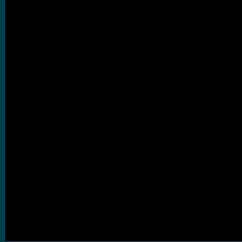
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

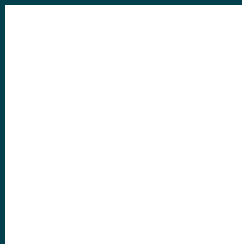
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.5310, 14.5282, -39.9307

Background



This preview shows how black text looks on a background with the YUV color 46.5310, 14.5282, -39.9307.



This preview shows how white text looks on a background with the YUV color 46.5310, 14.5282,

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

46.5310, 14.5282, -39.9307

Protanopia

58.5850, 6.1206, -3.1440

Deuteranopia

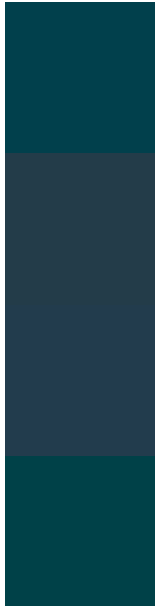
58.1980, 9.7624, -4.5586



Tritanopia

46.1350, 11.7654, -40.4604

Trichromacy



Original Color

46.5310, 14.5282, -39.9307

Protanomaly

54.0070, 9.3635, -16.6691

Deuteranomaly

54.1640, 11.2581, -17.6838

Tritanomaly

46.3630, 12.6390, -40.6604

Monochromacy



Original Color

46.5310, 14.5282, -39.9307

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.6930, 5.5744, -14.6398

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5310, 14.5282, -39.9307 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(1, 64, 76)` looks like.

```
.text, #text, p{  
    color:rgb(1, 64, 76)  
}
```

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(1, 64, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 64, 76) }
```

Border

The CSS property to change the border of an element to YUV 46.5310, 14.5282, -39.9307 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(1, 64, 76) }
```


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

```
.border{ border-color:rgb(1, 64, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 64, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 64, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 64, 76); box-shadow:4px  
4px 4px 4px rgb(1, 64, 76) }
```

Background

The CSS property to change the background color of an element to YUV 46.5310, 14.5282, -39.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 64, 76) }
```

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

```
.background{ background-color: rgb(1, 64,  
76) }
```

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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