

Converting Colors

YUV(46.0070, 22.6745,
-39.4711)

Have a look what the booklet for
YUV(46.0070, 22.6745, -39.4711)
contains.

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Color

**YUV(46.0070, 22.6745,
-39.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	013C5C
RGB	1, 60, 92
RGB Percent	0%, 24%, 36%
CMY	0.9961, 0.7647, 0.6392
CMYK	0.99, 0.35, 0.00, 0.64
HSL	201°, 98%, 18%
HSV	201°, 99%, 36%
XYZ	3.5601, 4.0109, 10.7118
YIQ	46.0070, -45.4360, -2.5560

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 37, 92
Decimal	80988
CIE Lab	23.71, -3.86, -23.87
CIE LCh	24, 24.176, 260.816
Yxy	4.0109, 0.1947, 0.2194
Android (android.graphics.Color)	4278271068 (0xFF013C5C)
YUV	46.0070, 22.6745, -39.4711
Hunter-Lab	20.0272, -3.3164, -17.6929

Details

The YUV color **46.0070, 22.6745, -39.4711** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46.9930, -22.6745, 39.4711**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4320, 21.4790, -29.3199**, and **15.8100, 14.8837, -13.8654** is the 20% darker color. If you saturate the color by 10%, you get **45.7080, 22.8220, -40.0859**, and if you desaturate by 10%, it is **50.4590, 20.4797, -35.4825**.

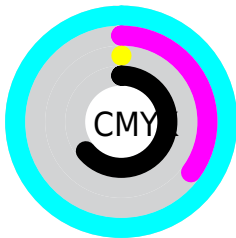
Distribution



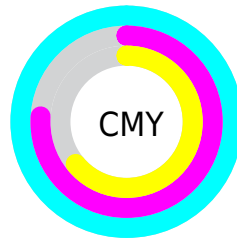
- Red (0%)
- Green (24%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0070, 22.6745, -39.4711 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 46.0070, 22.6745, -39.4711 by changing the saturation by 10% instead.

■ 46.0070, 22.6745,
-39.4711

■ 46.0070, 22.6745,
-39.4711

■ 255.0000, 0.0000,
0.0000

■ 30.0580, 18.7054,
-26.3609

■ 98.4320, 21.4790,
-29.3199

■ 15.8100, 14.8837,
-13.8654

■ 124.2580, 22.0578,
-28.2903

■ 3.4370, 10.6306,
-3.0142

■ 150.3720, 22.4946,
-28.3902

■ 0.0000, 0.0000,
0.0000

■ 177.4860, 22.9314,
-28.4902

■ 205.6000, 23.3682,
-28.5902

■ 230.6360, 12.0115,

-25.9908

■ 247.5250, 3.6852,
-15.3694

■ 46.0070, 22.6745,
-39.4711

■ 46.0070, 22.6745,
-39.4711

■ 45.7080, 22.8220,
-40.0859

■ 50.4590, 20.4797,
-35.4825

■ 54.9110, 18.2849,
-31.4939

■ 60.2490, 15.6532,
-27.4054

■ 64.7010, 13.4584,
-23.4168

■ 69.1530, 11.2636,
-19.4282

■ 73.6050, 9.0687,
-15.4396

■ 78.6440, 6.5845,
-11.9658

■ 83.3950, 4.2423,
-7.3624

■ 87.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



47.1440, 18.1700, -41.3453



46.0070, 22.6745, -39.4711



56.6090, 16.4618, -6.6731

Triad

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



46.0070, 22.6745, -39.4711



56.6940, -5.7651, 29.2094



50.6100, -8.6817, -15.4440

Complementary

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



46.0070, 22.6745, -39.4711



46.9930, -22.6745, 39.4711

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.



53.4720, -16.0087, 1.3401



46.0070, 22.6745, -39.4711



56.0110, -13.3164, 24.5464

Square

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



46.0070, 22.6745, -39.4711



57.8490, 2.5394, 25.5654



55.5060, -17.5045, 14.4652



43.8550, 3.0295, -38.4608

Rectangle

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



46.0070, 22.6745, -39.4711



58.0730, 12.7820, 6.9520



55.5060, -17.5045, 14.4652



51.8450, -11.7556, -9.5111

Sweetspot

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



46.0070, 22.6745, -39.4711



101.6050, 9.0687, -15.4396



58.0650, -12.3570, -50.0460



49.7260, 5.5581, -9.4067



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



46.0070, 22.6745, -39.4711



59.4660, 29.8433, -52.1517



19.5920, 35.6971, -16.3052



43.3310, 1.3158, -2.0443



54.2170, 27.5010, -47.5483



117.4160, 58.9549, -102.9738

Inverse Universe

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



34.9350, 12.3570, 50.0460



44.7720, 16.3814, 65.9750



73.4080, -35.6971, 16.3052



42.8370, 0.5734, 2.7740



40.9840, 14.7979, 60.5270



88.4190, 32.3314, 130.3055

Previews

White Background



This preview shows how the YUV color 46.0070, 22.6745, -39.4711 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 46.0070, 22.6745, -39.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

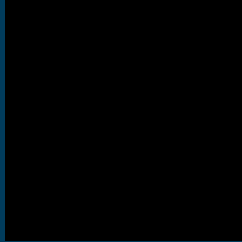
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0070, 22.6745, -39.4711

Background



This preview shows how black text looks on a background with the YUV color 46.0070, 22.6745, -39.4711.



This preview shows how white text looks on a background with the YUV color 46.0070, 22.6745,

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

46.0070, 22.6745, -39.4711

Protanopia

56.3590, 15.5990, -9.9618

Deuteranopia

54.5260, 18.9677, -17.1243

Trichromacy



Original Color

46.0070, 22.6745, -39.4711

Protanomaly

52.2760, 18.1049, -20.4131

Deuteranomaly

51.5250, 20.4472, -25.0164

Monochromacy



Original Color

46.0070, 22.6745, -39.4711

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0070, 22.6745, -39.4711 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, 60, 92)` looks like.

```
.text, #text, p{  
    color:rgb(1, 60, 92)  
}
```

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, 60, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 60, 92) }
```

Border

The CSS property to change the border of an element to YUV 46.0070, 22.6745, -39.4711 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, 60, 92) }
```

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

```
.border{ border-color:rgb(1, 60, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 60, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 60, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 60, 92); box-shadow:4px  
4px 4px 4px rgb(1, 60, 92) }
```


Background

The CSS property to change the background color of an element to YUV 46.0070, 22.6745, -39.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 60, 92) }
```

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

```
.background{ background-color: rgb(1, 60,  
92) }
```

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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