

Converting Colors

YUV(70.0240, 16.7502,
-52.6410)

Have a look what the booklet for
YUV(70.0240, 16.7502, -52.6410)
contains.

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Color

**YUV(70.0240, 16.7502,
-52.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5E68
RGB	10, 94, 104
RGB Percent	4%, 37%, 41%
CMY	0.9608, 0.6314, 0.5922
CMYK	0.90, 0.10, 0.00, 0.59
HSL	186°, 82%, 22%
HSV	186°, 90%, 41%
XYZ	6.6266, 9.0694, 14.4980
YIQ	70.0240, -53.2740, -14.6980

Conversions

Conversions Part 2

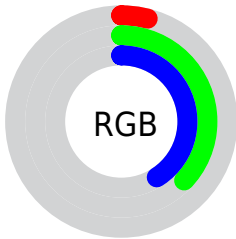
Format	Color
RYB	10, 54, 104
Decimal	679528
CIELab	36.12, -18.86, -12.27
CIElCh	36, 22.498, 213.053
Yxy	9.0694, 0.2195, 0.3004
Android (android.graphics.Color)	4278869608 (0xFF0A5E68)
YUV	70.0240, 16.7502, -52.6410
Hunter-Lab	30.1155, -13.4252, -7.4622

Details

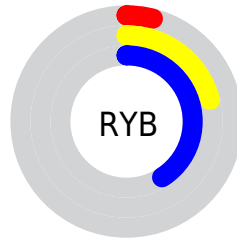
The YUV color **70.0240, 16.7502, -52.6410** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **43.9760, -16.7502, 52.6410**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2100, 14.6865, -44.0342**, and **34.0870, 11.2961, -29.8943** is the 20% darker color. If you saturate the color by 10%, you get **66.4470, 18.5136, -58.2740**, and if you desaturate by 10%, it is **73.6010, 14.9867, -47.0081**.

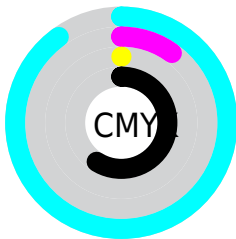
Distribution



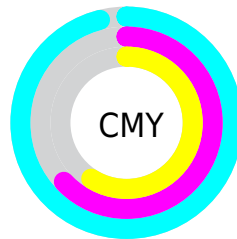
- Red (4%)
- Green (37%)
- Blue (41%)



- Red (4%)
- Yellow (21%)
- Blue (41%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (96%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0240, 16.7502, -52.6410 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 70.0240, 16.7502, -52.6410 by changing the saturation by 10% instead.

■ 70.0240, 16.7502,
-52.6410

■ 70.0240, 16.7502,
-52.6410

■ 255.0000, 0.0000,
0.0000

■ 50.2100, 14.6865,
-44.0342

■ 125.2100, 14.6865,
-44.0342

■ 34.0870, 11.2961,
-29.8943

■ 151.9220, 14.8285,
-42.9046

■ 20.4260, 7.1850,
-17.9136

■ 179.6230, 14.9759,
-43.5194

■ 2.0690, 5.3890,
-1.8145

■ 207.6230, 14.9759,
-43.5194

■ 0.0000, 0.0000,
0.0000

■ 234.3690, 10.1711,
-42.4196

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

70.0240, 16.7502,
-52.6410

70.0240, 16.7502,
-52.6410

66.4470, 18.5136,
-58.2740

73.6010, 14.9867,
-47.0081

77.4770, 13.0758,
-40.7603

81.0540, 11.3124,
-35.1274

84.9300, 9.4015,
-28.8796

89.0940, 7.3487,
-23.7614

■ 92.6710, 5.5852,
-18.1285

■ 96.5470, 3.6743,
-11.8807

■ 100.1240, 1.9109,
-6.2477

■ 104.0000, 0.0000,
0.0000

Harmonies

Analogous

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



74.5390, 5.6503, -39.0607



70.0240, 16.7502, -52.6410



76.0240, 20.2012, -39.4860

Triad

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



70.0240, 16.7502, -52.6410



87.6570, 7.0711, 18.7178



83.2990, -16.9094, 10.2618

Complementary

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



70.0240, 16.7502, -52.6410



43.9760, -16.7502, 52.6410

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.



84.7180, -15.6370, 22.1723



70.0240, 16.7502, -52.6410



86.8340, -1.3972, 28.2096

Square

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



70.0240, 16.7502, -52.6410



86.6810, 13.9613, 2.0338



85.9560, -9.8383, 28.9796



81.7100, -13.6610, -5.0077

Rectangle

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



70.0240, 16.7502, -52.6410



80.8840, 19.2842, -25.3313



85.9560, -9.8383, 28.9796



83.9190, -17.2151, 14.9800

Sweetspot

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



70.0240, 16.7502, -52.6410



121.8880, 6.4642, -20.0728



66.2040, -23.2716, -49.2909



61.2480, 3.8217, -12.4955



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



70.0240, 16.7502, -52.6410



86.4170, 23.9514, -75.7877



43.0220, 30.0622, -28.9603



48.9180, 1.0264, -2.5591



73.5710, 20.4245, -64.5218



154.3800, 43.1967, -135.3913

Inverse Universe

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



47.6820, 22.8348, 49.3909



54.1590, 32.9526, 70.8976



70.9780, -30.0622, 28.9603



47.9510, 1.0102, 2.6740



46.1270, 28.0384, 60.4016



96.9820, 58.6759, 127.1808

Previews

White Background



This preview shows how the YUV color 70.0240, 16.7502, -52.6410 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 70.0240, 16.7502, -52.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

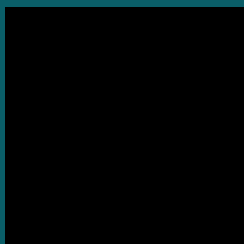
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.0240, 16.7502, -52.6410

Background



This preview shows how black text looks on a background with the YUV color 70.0240, 16.7502, -52.6410.



This preview shows how white text looks on a background with the YUV color 70.0240, 16.7502,

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

70.0240, 16.7502, -52.6410

Protanopia

85.1830, 5.8258, -1.9145

Deuteranopia

85.3230, 10.1938, -2.9143



Tritanopia

66.8060, 17.3506, -58.5889

Trichromacy



Original Color

70.0240, 16.7502, -52.6410

Protanomaly

79.8000, 9.9586, -20.8726

Deuteranomaly

79.7830, 12.4320, -20.8577

Tritanomaly

68.1160, 17.1978, -56.2297

Monochromacy



Original Color

70.0240, 16.7502, -52.6410

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0730, 5.8800, -19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0240, 16.7502, -52.6410 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(10, 94, 104)` looks like.

```
.text, #text, p{  
    color:rgb(10, 94, 104)  
}
```

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(10, 94, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 94, 104) }
```

Border

The CSS property to change the border of an element to YUV 70.0240, 16.7502, -52.6410 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(10, 94, 104) }
```


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

```
.border{ border-color:rgb(10, 94, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 94, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 94, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 94, 104);  
box-shadow:4px 4px 4px 4px rgb(10, 94,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 70.0240, 16.7502, -52.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 94, 104) }
```

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

```
.background{ background-color: rgb(10, 94,  
104) }
```

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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