

Converting Colors

YUV(69.0560, 18.2134,
-55.3001)

Have a look what the booklet for
YUV(69.0560, 18.2134, -55.3001)
contains.

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Color

**YUV(69.0560, 18.2134,
-55.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	065E6A
RGB	6, 94, 106
RGB Percent	2%, 37%, 42%
CMY	0.9765, 0.6314, 0.5843
CMYK	0.94, 0.11, 0.00, 0.58
HSL	187°, 89%, 22%
HSV	187°, 94%, 42%
XYZ	6.6793, 9.0847, 15.0372
YIQ	69.0560, -56.3000, -14.9240

Conversions

Conversions Part 2

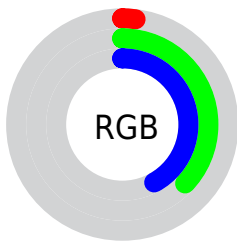
Format	Color
RYB	6, 53, 106
Decimal	417386
CIELab	36.15, -18.44, -13.47
CIELCh	36, 22.835, 216.150
Yxy	9.0847, 0.2169, 0.2949
Android (android.graphics.Color)	4278607466 (0xFF065E6A)
YUV	69.0560, 18.2134, -55.3001
Hunter-Lab	30.1409, -13.1903, -8.4809

Details

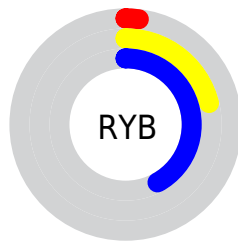
The YUV color **69.0560, 18.2134, -55.3001** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42.9440, -18.2134, 55.3001**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1390, 15.7075, -44.8489**, and **34.9020, 11.8803, -30.6091** is the 20% darker color. If you saturate the color by 10%, you get **66.6750, 19.3872, -58.4740**, and if you desaturate by 10%, it is **72.9320, 16.3025, -49.0524**.

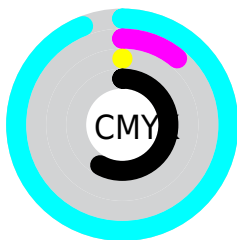
Distribution



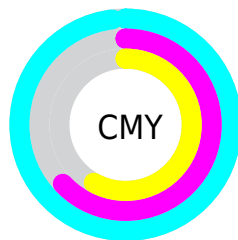
- Red (2%)
- Green (37%)
- Blue (42%)



- Red (2%)
- Yellow (21%)
- Blue (42%)



- Cyan (94%)
- Magenta (11%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0560, 18.2134, -55.3001 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 69.0560, 18.2134, -55.3001 by changing the saturation by 10% instead.

■ 69.0560, 18.2134,
-55.3001

■ 69.0560, 18.2134,
-55.3001

■ 255.0000, 0.0000,
0.0000

■ 50.4380, 15.5601,
-44.2341

■ 125.1390, 15.7075,
-44.8489

■ 34.9020, 11.8803,
-30.6091

■ 151.8510, 15.8495,
-43.7193

■ 20.6540, 8.0586,
-18.1136

■ 179.5520, 15.9969,
-44.3341

■ 2.4110, 6.6994,
-2.1144

■ 207.5520, 15.9969,
-44.3341

■ 0.0000, 0.0000,
0.0000

■ 234.0700, 10.3185,
-43.0344

■ 242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

69.0560, 18.2134,
-55.3001

69.0560, 18.2134,
-55.3001

66.6750, 19.3872,
-58.4740

72.9320, 16.3025,
-49.0524

77.0960, 14.2497,
-43.9342

80.9720, 12.3388,
-37.6864

84.5490, 10.5753,
-32.0535

88.4250, 8.6645,
-25.8057

■ 92.8880, 6.4642,
-20.0728

■ 96.4650, 4.7008,
-14.4398

■ 100.3410, 2.7899,
-8.1921

■ 103.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



73.5710, 7.1135, -41.7198



69.0560, 18.2134, -55.3001



76.4370, 20.4906, -38.9712

Triad

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



69.0560, 18.2134, -55.3001



87.4400, 6.1921, 20.6621



83.1740, -17.3408, 8.6174

Complementary

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



69.0560, 18.2134, -55.3001



42.9440, -18.2134, 55.3001

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.



84.8920, -16.2158, 21.1427



69.0560, 18.2134, -55.3001



86.9050, -2.4182, 29.0243

Square

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



69.0560, 18.2134, -55.3001



86.9910, 13.8084, 4.3929



85.7280, -10.7119, 29.1795



81.2260, -12.9294, -6.3372

Rectangle

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



69.0560, 18.2134, -55.3001



81.5960, 19.4262, -24.2017



85.7280, -10.7119, 29.1795



83.7940, -17.6464, 13.3357

Sweetspot

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



69.0560, 18.2134, -55.3001



123.4040, 7.1958, -21.4023



66.0680, -23.6975, -52.6796



60.0630, 4.4059, -13.2103



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.



69.0560, 18.2134, -55.3001



86.7590, 25.2618, -76.0876



39.7060, 32.6829, -29.5602



51.6190, 1.1738, -3.1739



73.7990, 21.2981, -64.7217



154.1350, 44.7964, -135.1764

Inverse Universe

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



45.9320, 23.6975, 52.6796



55.0560, 32.5104, 72.7419



72.2940, -32.6829, 29.5602



50.3640, 1.2995, 3.1888



46.7250, 27.7436, 61.6312



97.7650, 57.7969, 129.1251

Previews

White Background



This preview shows how the YUV color 69.0560, 18.2134, -55.3001 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 69.0560, 18.2134, -55.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

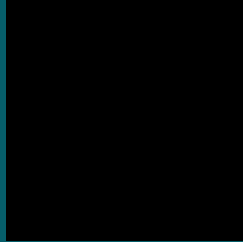
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.0560, 18.2134, -55.3001

Background



This preview shows how black text looks on a background with the YUV color 69.0560, 18.2134, -55.3001.



This preview shows how white text looks on a background with the YUV color 69.0560, 18.2134,

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

69.0560, 18.2134, -55.3001

Protanopia

85.1120, 6.8468, -2.7292

Deuteranopia

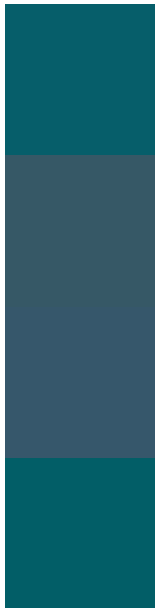
85.2520, 11.2148, -3.7290



Tritanopia

66.8060, 17.3506, -58.5889

Trichromacy



Original Color

69.0560, 18.2134, -55.3001

Protanomaly

79.4300, 11.1270, -22.3021

Deuteranomaly

79.4130, 13.6004, -22.2872

Tritanomaly

67.5180, 17.4926, -57.4593

Monochromacy



Original Color

69.0560, 18.2134, -55.3001

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0560, 18.2134, -55.3001 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(6, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(6, 94, 106)  
}
```

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(6, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 94, 106) }
```

Border

The CSS property to change the border of an element to YUV 69.0560, 18.2134, -55.3001 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(6, 94, 106) }
```


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

```
.border{ border-color:rgb(6, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(6, 94, 106)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.0560, 18.2134, -55.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 94, 106) }
```

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

```
.background{ background-color: rgb(6, 94,  
106) }
```

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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