

Converting Colors

YUV(55.6550, -20.5359,
-40.0394)

Have a look what the booklet for
YUV(55.6550, -20.5359, -40.0394)
contains.

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Color

**YUV(55.6550, -20.5359,
-40.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	0A570E
RGB	10, 87, 14
RGB Percent	4%, 34%, 5%
CMY	0.9608, 0.6588, 0.9451
CMYK	0.89, 0.00, 0.84, 0.66
HSL	123°, 79%, 19%
HSV	123°, 89%, 34%
XYZ	3.6126, 6.9126, 1.5593
YIQ	55.6550, -22.4590, -39.0270

Conversions

Conversions Part 2

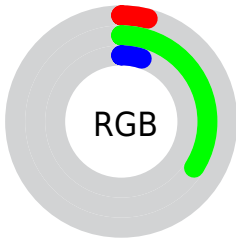
Format	Color
R_{YB}	10, 83, 87
Decimal	677646
CIE _{Lab}	31.61, -37.09, 33.51
CIE _{LCh}	32, 49.989, 137.902
Yxy	6.9126, 0.2989, 0.5720
Android (android.graphics.Color)	4278867726 (0xFF0A570E)
YUV	55.6550, -20.5359, -40.0394
Hunter-Lab	26.2919, -21.4840, 14.8879

Details

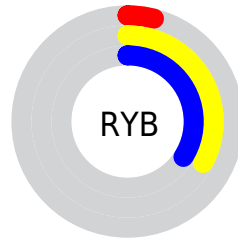
The YUV color **55.6550, -20.5359, -40.0394** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **41.3450, 20.5359, 40.0394**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1180, -22.7362, -34.3065**, and **24.0670, -11.8650, -21.1068** is the 20% darker color. If you saturate the color by 10%, you get **52.0520, -22.7036, -44.7726**, and if you desaturate by 10%, it is **59.2580, -18.3682, -35.3063**.

Distribution



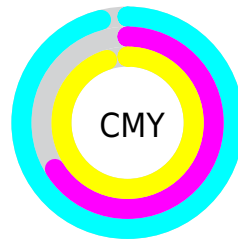
- Red (4%)
- Green (34%)
- Blue (5%)



- Red (4%)
- Yellow (33%)
- Blue (34%)



- Cyan (89%)
- Magenta (0%)
- Yellow (84%)
- Black (66%)




- Cyan (96%)
- Magenta (66%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 55.6550, -20.5359, -40.0394 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 55.6550, -20.5359, -40.0394 by changing the saturation by 10% instead.


 55.6550, -20.5359,
-40.0394


 55.6550, -20.5359,
-40.0394


 254.3160, -2.6208,
0.5999


 36.9810, -18.2316,
-32.4323


 109.1180,
-22.7362, -34.3065


 24.0670, -11.8650,
-21.1068


 135.1890,
-23.7572, -33.4918

 6.4570, -3.1833,
-5.6628

 162.5480,
-24.9202, -33.8066


 0.0000, 0.0000,
0.0000


 190.0210,
-25.6464, -34.2214

 218.4940,
-26.3725, -34.6362


 233.4660,


-20.4427, -23.2107


 245.3290,
-12.4872, -8.1815


 55.6550, -20.5359,
-40.0394


 55.6550, -20.5359,
-40.0394


 52.0520, -22.7036,
-44.7726


 59.2580, -18.3682,
-35.3063

 51.6390, -22.9930,
-45.2874

 62.5620, -16.0531,
-31.1879

 66.2790, -13.4485,
-26.5547

 69.8820, -11.2808,
-21.8215

 73.1860, -8.9657,
-17.7031

■ 76.7890, -6.7980,
-12.9700

■ 80.5060, -4.1935,
-8.3368

■ 84.1090, -2.0257,
-3.6036

■ 87.4130, 0.2894,
0.5148

Harmonies

Analogous

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



67.5910, -33.3224, 1.2357



55.6550, -20.5359, -40.0394



59.9150, -1.4371, -52.5455

Triad

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



55.6550, -20.5359, -40.0394



66.6360, 42.0845, -58.4398



65.5230, -6.1738, 67.0703

Complementary

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



55.6550, -20.5359, -40.0394



41.3450, 20.5359, 40.0394

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.



68.4630, 11.6037, 58.3529



55.6550, -20.5359, -40.0394



66.5510, 41.1404, -35.5632

Square

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



55.6550, -20.5359, -40.0394



67.8780, 31.6121, -59.5290



75.6250, 25.8209, 24.8849



68.7560, -26.5017, 53.7110

Rectangle

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



55.6550, -20.5359, -40.0394



63.5800, 10.0671, -55.7597



75.6250, 25.8209, 24.8849



65.2440, 0.3727, 67.3150

Sweetspot

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



55.6550, -20.5359, -40.0394



99.7240, -8.2449, -15.5439



77.0260, -33.0438, 5.2392



48.6800, -4.7722, -9.3664



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



55.6550, -20.5359, -40.0394



66.4280, -29.7910, -58.2574



59.9870, -3.9376, -43.8386



41.3480, -1.1576, -2.0592



63.4930, -28.3440, -55.6834



139.3130, -62.7653, -122.1775

Inverse Universe

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



41.3450, 20.5359, 40.0394



45.5720, 29.7910, 58.2574



37.0130, 3.9376, 43.8386



40.6520, 1.1576, 2.0592



43.6210, 28.7808, 55.5834



95.5730, 62.3285, 122.2775

Previews

White Background



This preview shows how the YUV color 55.6550, -20.5359, -40.0394 looks on a white background.

Color Contrast Check

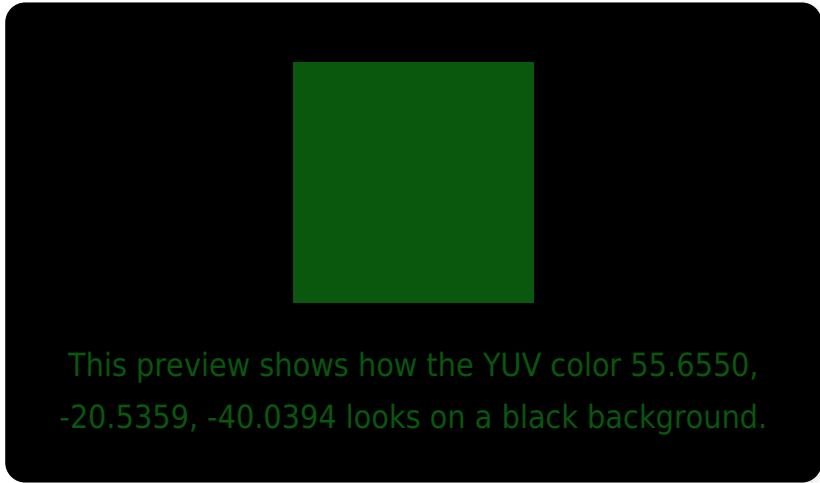
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.6550, -20.5359, -40.0394

Background



This preview shows how black text looks on a background with the YUV color 55.6550, -20.5359, -40.0394.



This preview shows how white text looks on a background with the YUV color 55.6550, -20.5359, -40.0394.

-40.0394.

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

55.6550, -20.5359, -40.0394

Protanopia

70.2810, -29.7185, 12.0316

Deuteranopia

72.1060, -24.2093, 18.3240



Tritanopia

68.6420, 9.5435, -27.7500

Trichromacy



Original Color

55.6550, -20.5359, -40.0394

Protanomaly

64.6700, -26.4593, -6.7266

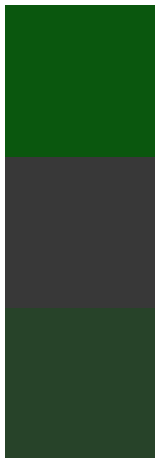
Deuteranomaly

66.3160, -22.8338, -2.9081

Tritanomaly

63.7480, -1.3548, -32.2280

Monochromacy



Original Color

55.6550, -20.5359, -40.0394

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.6640, -7.2294, -14.6143

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6550, -20.5359, -40.0394 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, 87, 14)` looks like.

```
.text, #text, p{  
    color:rgb(10, 87, 14)  
}
```

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, 87, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 87, 14) }
```

Border

The CSS property to change the border of an element to YUV 55.6550, -20.5359, -40.0394 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, 87, 14) }
```


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

```
.border{ border-color:rgb(10, 87, 14) }
```

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

Here you see how a box with a 4 pixel rgb(10, 87, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 87, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 87, 14);  
box-shadow:4px 4px 4px 4px rgb(10, 87, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6550, -20.5359, -40.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 87, 14) }
```

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

```
.background{ background-color: rgb(10, 87,  
14) }
```

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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