

Converting Colors

YUV(86.7460, -21.5668,
10.7468)

Have a look what the booklet for
YUV(86.7460, -21.5668, 10.7468)
contains.

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Color

**YUV(86.7460, -21.5668,
10.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	63592B
RGB	99, 89, 43
RGB Percent	39%, 35%, 17%
CMY	0.6118, 0.6510, 0.8314
CMYK	0.00, 0.10, 0.57, 0.61
HSL	49°, 39%, 28%
HSV	49°, 57%, 39%
XYZ	9.1540, 9.9718, 3.7278
YIQ	86.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

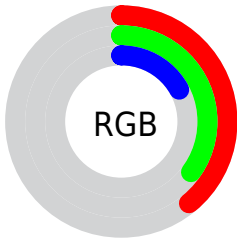
Format	Color
R_{YB}	55, 99, 43
Decimal	6510891
CIE Lab	37.79, -2.67, 27.80
CIE LCh	38, 27.930, 95.490
Yxy	9.9718, 0.4005, 0.4363
Android (android.graphics.Color)	4284700971 (0xFF63592B)
YUV	86.7460, -21.5668, 10.7468
Hunter-Lab	31.5782, -3.5175, 15.1056

Details

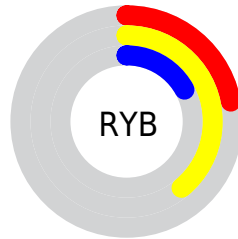
The YUV color **86.7460, -21.5668, 10.7468** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.2540, 21.5668, -10.7468**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0020, -23.1720, 12.2762**, and **41.0770, -20.2510, 8.7025** is the 20% darker color. If you saturate the color by 10%, you get **84.4320, -25.3560, 12.7761**, and if you desaturate by 10%, it is **89.0600, -17.7776, 8.7174**.

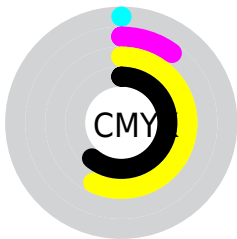
Distribution



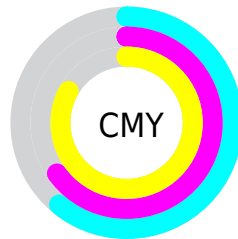
- Red (39%)
- Green (35%)
- Blue (17%)



- Red (22%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7460, -21.5668, 10.7468 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 86.7460, -21.5668, 10.7468 by changing the saturation by 10% instead.

86.7460, -21.5668,
10.7468

86.7460, -21.5668,
10.7468

255.0000, 0.0000,
0.0000

63.2620, -20.8352,
9.4172

137.0020,
-23.1720, 12.2762

41.0770, -20.2510,
8.7025

163.4860,
-23.9036, 13.6058

22.1610, -10.9254,
4.2438

190.3720,
-24.3404, 13.7058

0.0000, 0.0000,
0.0000

218.4430,
-25.3614, 14.5205

244.0510,
-24.1821, 9.6023

251.3520,

-13.9775, 3.1993

254.5440, -1.7472,
0.3999

■ 86.7460, -21.5668,
10.7468

■ 86.7460, -21.5668,
10.7468

■ 84.4320, -25.3560,
12.7761

■ 89.0600, -17.7776,
8.7174

■ 82.1180, -29.1452,
14.8055

■ 91.3740, -13.9884,
6.6880

■ 80.3910, -33.2238,
16.3201

■ 93.1010, -9.9098,
5.1734

■ 78.0770, -37.0130,
18.3495

■ 95.4150, -6.1206,
3.1440

■ 77.1480, -38.0340,
19.1642

■ 97.7290, -2.3314,
1.1147

■ 99.9290, 1.0210,
-0.8147

■ 101.6560, 5.0996,
-2.3293

■ 103.9700, 8.8888,
-4.3587

■ 106.2840, 12.6780,
-6.3881

Harmonies

Analogous

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



88.3010, -19.8684, 26.0460



86.7460, -21.5668, 10.7468



84.0040, -16.2710, -7.8965

Triad

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



86.7460, -21.5668, 10.7468



71.6960, 20.8559, -62.8774



91.6300, 8.0704, 24.8805

Complementary

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



86.7460, -21.5668, 10.7468



55.2540, 21.5668, -10.7468

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.



90.9140, 17.2974, 5.3374



86.7460, -21.5668, 10.7468



71.1720, 29.0022, -62.4178

Square

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



86.7460, -21.5668, 10.7468



69.7750, 10.9569, -61.1927



86.0460, 23.6413, -22.8423



90.6500, -2.2925, 35.3869

Rectangle

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



86.7460, -21.5668, 10.7468



81.7510, -9.2442, -21.7066



86.0460, 23.6413, -22.8423



91.8080, 11.4337, 19.4624

Sweetspot

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



86.7460, -21.5668, 10.7468



123.1440, -8.4520, 4.2587



60.8840, -3.8868, 33.4277



60.7570, -4.8102, 2.8441



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



86.7460, -21.5668, 10.7468



108.6900, -33.3712, 16.9349



87.2340, -21.8074, -5.4672



47.5440, -1.7472, 0.3999



87.4920, -43.1336, 21.4935



187.3990, -92.3877, 46.1311

Inverse Universe

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



55.2540, 21.5668, -10.7468



59.7230, 33.6606, -16.4201



54.7660, 21.8074, 5.4672



44.4560, 1.7472, -0.3999



24.5080, 43.1336, -21.4935



52.6010, 92.3877, -46.1311

Previews

White Background



This preview shows how the YUV color 86.7460, -21.5668, 10.7468 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 86.7460, -21.5668, 10.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

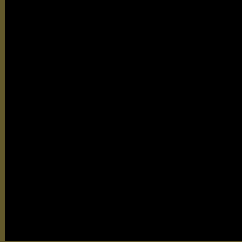
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7460, -21.5668, 10.7468

Background



This preview shows how black text looks on a background with the YUV color 86.7460, -21.5668, 10.7468.



This preview shows how white text looks on a background with the YUV color 86.7460, -21.5668,

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

86.7460, -21.5668, 10.7468

Protanopia

86.7460, -21.5668, 10.7468

Deuteranopia

87.8010, -21.5939, 19.4685



Tritanopia

90.3650, -0.1799, 11.0809

Trichromacy



Original Color

86.7460, -21.5668, 10.7468

Protanomaly

86.7460, -21.5668, 10.7468

Deuteranomaly

87.1920, -21.2937, 16.4946

Tritanomaly

89.3020, -8.0369, 11.1361

Monochromacy



Original Color

86.7460, -21.5668, 10.7468

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9590, -7.8678, 3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7460, -21.5668, 10.7468 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(99, 89, 43)` looks like.

```
.text, #text, p{  
    color:rgb(99, 89, 43)  
}
```

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(99, 89, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 89, 43) }
```

Border

The CSS property to change the border of an element to YUV 86.7460, -21.5668, 10.7468 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(99, 89, 43) }
```


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

```
.border{ border-color:rgb(99, 89, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 89, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 89, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 89, 43);  
box-shadow:4px 4px 4px 4px rgb(99, 89, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.7460, -21.5668, 10.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 89, 43) }
```

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

```
.background{ background-color: rgb(99, 89,  
43) }
```

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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