

Converting Colors

YUV(107.6420, -10.1765,
44.1640)

Have a look what the booklet for
YUV(107.6420, -10.1765, 44.1640)
contains.

YUV(107.6420, -10.1765, 44.1640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.6420, -10.1765,
44.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5657
RGB	158, 86, 87
RGB Percent	62%, 34%, 34%
CMY	0.3804, 0.6627, 0.6588
CMYK	0.00, 0.46, 0.45, 0.38
HSL	359°, 30%, 48%
HSV	359°, 46%, 62%
XYZ	19.1486, 14.6128, 10.8281
YIQ	107.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

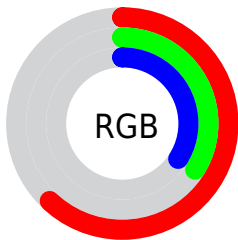
Format	Color
R_{YB}	158, 86, 87
Decimal	10376791
CIE Lab	45.10, 29.76, 12.68
CIE LCh	45, 32.345, 23.086
Yxy	14.6128, 0.4294, 0.3277
Android (android.graphics.Color)	4288566871 (0xFF9E5657)
YUV	107.6420, -10.1765, 44.1640
Hunter-Lab	38.2267, 22.5181, 9.9641

Details

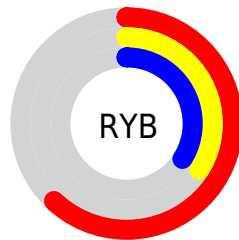
The YUV color **107.6420, -10.1765, 44.1640** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.3580, 10.1765, -44.1640**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3220, -11.4977, 47.9526**, and **57.8910, -7.8343, 39.5606** is the 20% darker color. If you saturate the color by 10%, you get **96.4260, -12.5350, 54.0004**, and if you desaturate by 10%, it is **118.8580, -7.8180, 34.3275**.

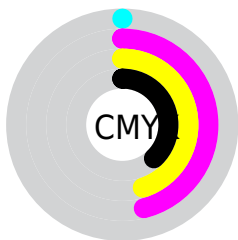
Distribution



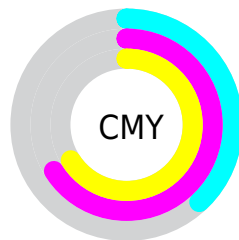
- Red (62%)
- Green (34%)
- Blue (34%)



- Red (62%)
- Yellow (34%)
- Blue (34%)



- Cyan (0%)
- Magenta (46%)
- Yellow (45%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6420, -10.1765, 44.1640 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 107.6420, -10.1765, 44.1640 by changing the saturation by 10% instead.

■ 107.6420,
-10.1765, 44.1640

■ 107.6420,
-10.1765, 44.1640

■ 255.0000, 0.0000,
0.0000

■ 82.5600, -9.1501,
41.6049

■ 160.3220,
-11.4977, 47.9526

■ 57.8910, -7.8343,
39.5606

■ 187.8060,
-12.2294, 49.2821

■ 33.1620, -5.5029,
38.4459

■ 210.0220, -9.8708,
39.4457

■ 15.5480, -7.6652,
31.9684

■ 229.6500, -5.7435,
22.2319

■ 5.9800, -2.9481,
12.2955

■ 249.8650, -1.9054,
4.5034

■ 0.0000, 0.0000,
0.0000

■ 107.6420,
-10.1765, 44.1640

■ 107.6420,
-10.1765, 44.1640

■ 96.4260, -12.5350,
54.0004

■ 118.8580, -7.8180,
34.3275

■ 85.3240, -14.4567,
63.7369

■ 129.9600, -5.8963,
24.5911

■ 74.6950, -17.1046,
73.0585

■ 140.5890, -3.2484,
15.2694

■ 63.5930, -19.0263,
82.7949

■ 151.6910, -1.3267,
5.5330

■ 52.3770, -21.3849,
92.6314

■ 162.9070, 1.0318,
-4.3034

■ 47.4700, -22.4167,
96.9348

■ 174.0090, 2.9536,
-14.0399

■ 185.2250, 5.3121,
-23.8763

■ 195.8540, 7.9600,

-33.1980

■ 206.9560, 9.8817,
-42.9344

Harmonies

Analogous

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



108.9370, 2.4961, 39.5203



107.6420, -10.1765, 44.1640



106.4380, -20.9219, 37.3269

Triad

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



107.6420, -10.1765, 44.1640



98.2300, -12.4384, -23.8807



97.7490, 30.6897, -43.6299

Complementary

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



107.6420, -10.1765, 44.1640



136.3580, 10.1765, -44.1640

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.



86.2520, 30.9348, -75.6430



107.6420, -10.1765, 44.1640



88.9020, 4.9783, -56.9191

Square

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



107.6420, -10.1765, 44.1640



102.6260, -22.9866, -0.5490



84.9180, 20.7464, -74.4731



107.5580, 23.8819, -6.6284

Rectangle

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



107.6420, -10.1765, 44.1640



105.6340, -24.9626, 26.6310



84.9180, 20.7464, -74.4731



90.9100, 33.0754, -62.1881

Sweetspot

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



107.6420, -10.1765, 44.1640



186.6710, -4.2748, 17.8285



115.4370, 20.9836, 36.4508



92.3820, -2.6533, 11.0660



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



107.6420, -10.1765, 44.1640



127.3140, -15.9308, 69.8846



128.0730, -20.7420, 26.2460



73.3920, -1.1793, 4.9182



42.9850, -20.2056, 87.7132



4.4850, -2.2111, 9.2217

Inverse Universe

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



107.6420, -10.1765, 44.1640



127.3140, -15.9308, 69.8846



115.9270, 20.7420, -26.2460



73.3920, -1.1793, 4.9182



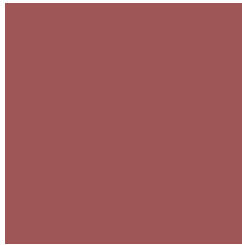
42.9850, -20.2056, 87.7132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 107.6420, -10.1765, 44.1640 looks on a white background.

Color Contrast Check

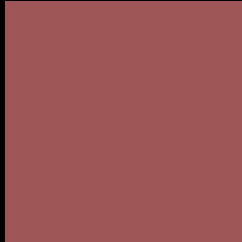
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.6420, -10.1765, 44.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 107.6420, -10.1765, 44.1640 Background



This preview shows how black text looks on a background with the YUV color 107.6420, -10.1765, 44.1640.

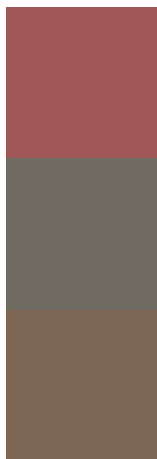


This preview shows how white text looks on a background with the YUV color 107.6420, -10.1765,

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

107.6420, -10.1765, 44.1640

Protanopia

107.0560, -4.9576, 3.4589

Deuteranopia

107.4120, -11.5421, 15.4247



Tritanopia

107.5110, -8.1399, 44.2789

Trichromacy



Original Color

107.6420, -10.1765, 44.1640

Protanomaly

106.9870, -6.8956, 18.4284

Deuteranomaly

107.5920, -11.1379, 25.7908

Tritanomaly

107.3970, -8.5767, 44.3788

Monochromacy



Original Color

107.6420, -10.1765, 44.1640

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7740, -3.8326, 15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6420, -10.1765, 44.1640 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(158, 86, 87)` looks like.

```
.text, #text, p{  
    color:rgb(158, 86, 87)  
}
```

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(158, 86, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 86, 87) }
```

Border

The CSS property to change the border of an element to YUV 107.6420, -10.1765, 44.1640 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(158, 86, 87) }
```


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

```
.border{ border-color:rgb(158, 86, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 86, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 86, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 86, 87);  
box-shadow:4px 4px 4px 4px rgb(158, 86,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 107.6420, -10.1765, 44.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 86, 87) }
```

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

```
.background{ background-color: rgb(158, 86,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor