

Converting Colors

YUV(108.3260, -20.8667,
66.3661)

Have a look what the booklet for
YUV(108.3260, -20.8667, 66.3661)
contains.

YUV(108.3260, -20.8667, 66.3661)	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(108.3260, -20.8667,
66.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	B84E42
RGB	184, 78, 66
RGB Percent	72%, 31%, 26%
CMY	0.2784, 0.6941, 0.7412
CMYK	0.00, 0.58, 0.64, 0.28
HSL	6°, 47%, 49%
HSV	6°, 64%, 72%
XYZ	23.4749, 16.0325, 7.0116
YIQ	108.3260, 67.0280, 18.7400

Conversions

Conversions Part 2

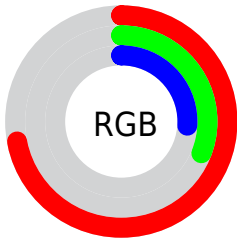
Format	Color
RYB	184, 79, 66
Decimal	12078658
CIELab	47.02, 42.08, 28.49
CIELCh	47, 50.817, 34.094
Yxy	16.0325, 0.5046, 0.3446
Android (android.graphics.Color)	4290268738 (0xFFB84E42)
YUV	108.3260, -20.8667, 66.3661
Hunter-Lab	40.0406, 34.5797, 17.6460

Details

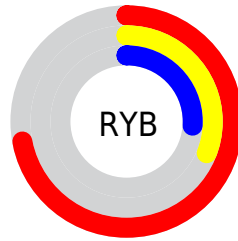
The YUV color **108.3260, -20.8667, 66.3661** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **141.6740, 20.8667, -66.3661**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5610, -23.9406, 72.2990**, and **54.6720, -15.6143, 61.6777** is the 20% darker color. If you saturate the color by 10%, you get **96.2950, -23.8094, 76.9173**, and if you desaturate by 10%, it is **120.3570, -17.9240, 55.8149**.

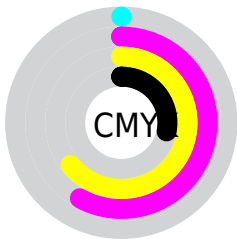
Distribution



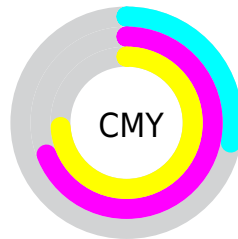
- Red (72%)
- Green (31%)
- Blue (26%)



- Red (72%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3260, -20.8667, 66.3661 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 108.3260, -20.8667, 66.3661 by changing the saturation by 10% instead.

■ 108.3260,
-20.8667, 66.3661

■ 108.3260,
-20.8667, 66.3661

■ 255.0000, 0.0000,
0.0000

■ 81.5860, -18.5299,
63.5071

■ 162.5610,
-23.9406, 72.2990

■ 54.6720, -15.6143,
61.6777

■ 184.9510,
-22.1608, 61.4330

■ 29.0030, -14.2985,
59.6334

■ 203.7640,
-18.6177, 44.9340

■ 20.3320, -10.0237,
41.8048

■ 223.3920,
-14.4903, 27.7202

■ 12.6720, -5.7543,
25.7207

■ 243.4930,
-11.0890, 10.0916

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 108.3260,
-20.8667, 66.3661

■ 108.3260,
-20.8667, 66.3661

■ 96.2950, -23.8094,
76.9173

■ 120.3570,
-17.9240, 55.8149

■ 84.7370, -27.4783,
87.0537

■ 131.9150,
-14.2551, 45.6785

■ 72.7060, -30.4211,
97.6048

■ 143.9460,
-11.3124, 35.1274

■ 66.1690, -32.6213,
103.3378

■ 155.5040, -7.6435,
24.9910

■ 167.5350, -4.7008,
14.4398

■ 178.9790, -1.4686,
4.4034

■ 191.1240, 1.9109,
-6.2477

■ 202.5680, 5.1430,
-16.2841

■ 214.7130, 8.5225,
-26.9353

Harmonies

Analogous

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



109.5000, -1.2325, 68.8445



108.3260, -20.8667, 66.3661



107.7370, -37.8313, 47.5887

Triad

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



108.3260, -20.8667, 66.3661



83.9310, -5.8820, -73.6075



89.9630, 52.7692, -78.8976

Complementary

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



108.3260, -20.8667, 66.3661



141.6740, 20.8667, -66.3661

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.



95.3940, 45.6548, -83.6605



108.3260, -20.8667, 66.3661



90.7080, 12.4690, -79.5509

Square

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



108.3260, -20.8667, 66.3661



101.1930, -33.1261, -15.0783



94.9090, 31.1039, -83.2352



114.2680, 33.8849, 5.0270

Rectangle

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



108.3260, -20.8667, 66.3661



105.6780, -45.1973, 30.1004



94.9090, 31.1039, -83.2352



92.3110, 51.6117, -80.9567

Sweetspot

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



108.3260, -20.8667, 66.3661



210.6890, -8.2277, 25.7057



113.3660, 28.9066, 61.9460



102.1330, -4.9956, 15.6694



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



108.3260, -20.8667, 66.3661



121.4680, -32.7687, 103.9526



142.9590, -37.9408, 35.9930



86.2780, -1.6161, 5.0182



56.0360, -27.6257, 87.6684



10.1330, -4.9956, 15.6694

Inverse Universe

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



141.6740, 20.8667, -66.3661



173.5320, 32.7687, -103.9526



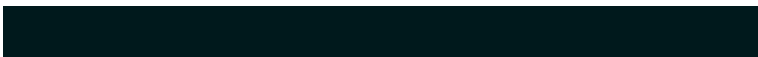
107.0410, 37.9408, -35.9930



88.7220, 1.6161, -5.0182



99.9640, 27.6257, -87.6684



17.8670, 4.9956, -15.6694

Previews

White Background



This preview shows how the YUV color 108.3260, -20.8667, 66.3661 looks on a white background.

Color Contrast Check

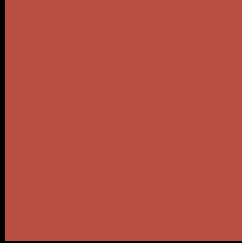
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.3260, -20.8667, 66.3661 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 108.3260, -20.8667, 66.3661

Background



This preview shows how black text looks on a background with the YUV color 108.3260, -20.8667, 66.3661.



This preview shows how white text looks on a background with the YUV color 108.3260, -20.8667, 66.3661.

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

108.3260, -20.8667, 66.3661

Protanopia

110.9290, -15.7410, 8.8323

Deuteranopia

110.7260, -24.5149, 23.0423



Tritanopia

109.1610, -13.8834, 66.5108

Trichromacy



Original Color

108.3260, -20.8667, 66.3661

Protanomaly

110.1920, -17.8427, 29.6496

Deuteranomaly

109.5800, -22.9639, 38.9563

Tritanomaly

109.1780, -16.3568, 66.4959

Monochromacy



Original Color

108.3260, -20.8667, 66.3661

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2050, -7.4961, 24.3762

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3260, -20.8667, 66.3661 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(184, 78, 66)` looks like.

```
.text, #text, p{  
    color:rgb(184, 78, 66)  
}
```

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(184, 78, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 78, 66) }
```

Border

The CSS property to change the border of an element to YUV 108.3260, -20.8667, 66.3661 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(184, 78, 66) }
```


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

```
.border{ border-color:rgb(184, 78, 66) }
```

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

Here you see how a box with a 4 pixel rgb(184, 78, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 78, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 78, 66);  
box-shadow:4px 4px 4px 4px rgb(184, 78,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 108.3260, -20.8667, 66.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 78, 66) }
```

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

```
.background{ background-color: rgb(184, 78,  
66) }
```

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