

Converting Colors

YUV(117.1100, -13.3652,
40.2455)

Have a look what the booklet for
YUV(117.1100, -13.3652, 40.2455)
contains.

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Color

**YUV(117.1100, -13.3652,
40.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	A3635A
RGB	163, 99, 90
RGB Percent	64%, 39%, 35%
CMY	0.3608, 0.6118, 0.6471
CMYK	0.00, 0.39, 0.45, 0.36
HSL	7°, 29%, 50%
HSV	7°, 45%, 64%
XYZ	21.4116, 17.4484, 11.9122
YIQ	117.1100, 41.0330, 10.7690

Conversions

Conversions Part 2

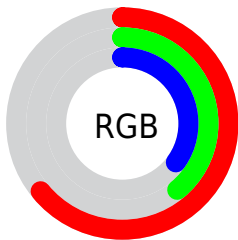
Format	Color
RYB	163, 100, 90
Decimal	10707802
CIELab	48.82, 24.84, 16.10
CIELCh	49, 29.600, 32.960
Yxy	17.4484, 0.4217, 0.3437
Android (android.graphics.Color)	4288897882 (0xFFA3635A)
YUV	117.1100, -13.3652, 40.2455
Hunter-Lab	41.7713, 18.3977, 12.3317

Details

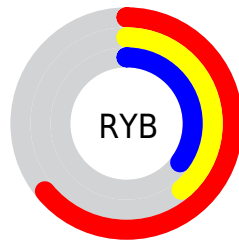
The YUV color **117.1100, -13.3652, 40.2455** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.8900, 13.3652, -40.2455**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3770, -14.9759, 43.5194**, and **67.2450, -11.4598, 35.7421** is the 20% darker color. If you saturate the color by 10%, you get **107.0680, -16.3025, 49.0524**, and if you desaturate by 10%, it is **127.1520, -10.4279, 31.4387**.

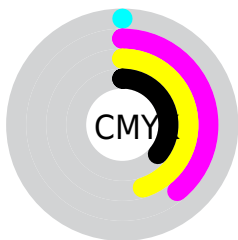
Distribution



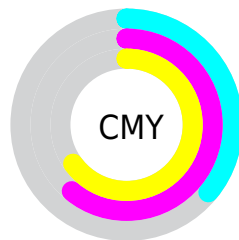
- Red (64%)
- Green (39%)
- Blue (35%)



- Red (64%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (36%)



- Cyan (36%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1100, -13.3652, 40.2455 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 117.1100, -13.3652, 40.2455 by changing the saturation by 10% instead.

■ 117.1100,
-13.3652, 40.2455

■ 117.1100,
-13.3652, 40.2455

■ 255.0000, 0.0000,
0.0000

■ 92.0280, -12.3388,
37.6864

■ 170.3770,
-14.9759, 43.5194

■ 67.2450, -11.4598,
35.7421

■ 197.2740,
-15.4181, 45.3637

■ 43.6900, -9.7072,
33.5979

■ 218.6960,
-12.1751, 31.8386

■ 19.9780, -9.8492,
32.4683

■ 238.3240, -8.0477,
14.6249

■ 10.2800, -4.5750,
20.8024

■ 254.4300, -2.1840,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 117.1100,
-13.3652, 40.2455

■ 117.1100,
-13.3652, 40.2455

■ 107.0680,
-16.3025, 49.0524

■ 127.1520,
-10.4279, 31.4387

■ 96.3250, -19.3872,
58.4740

■ 137.8950, -7.3432,
22.0171

■ 86.2830, -22.3245,
67.2808

■ 147.9370, -4.4059,
13.2103

■ 76.2410, -25.2618,
76.0876

■ 157.9790, -1.4686,
4.4034

■ 66.1990, -28.1991,
84.8945

■ 168.1350, 1.9054,
-4.5034

■ 60.4770, -29.8152,
89.9127

■ 178.7640, 4.5533,
-13.8250

■ 188.8060, 7.4906,
-22.6319

■ 198.8480, 10.4279,

-31.4387

■ 209.5910, 13.5126,
-40.8603

Harmonies

Analogous

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



118.0850, -2.0139, 39.3905



117.1100, -13.3652, 40.2455



116.1660, -21.7738, 30.5494

Triad

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



117.1100, -13.3652, 40.2455



106.8640, -7.3280, -29.6987



113.0070, 26.1255, -26.3161

Complementary

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



117.1100, -13.3652, 40.2455



135.8900, 13.3652, -40.2455

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.



102.0800, 28.5546, -58.8292



117.1100, -13.3652, 40.2455



99.9390, 8.9041, -56.0745

Square

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



117.1100, -13.3652, 40.2455



111.3200, -18.8918, -7.2966



91.3240, 24.9833, -80.0911



118.4730, 19.4868, 3.0932

Rectangle

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



117.1100, -13.3652, 40.2455



114.5300, -23.9253, 20.5832



91.3240, 24.9833, -80.0911



109.5820, 27.3211, -36.4674

Sweetspot

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



117.1100, -13.3652, 40.2455



194.7200, -5.2850, 15.1546



119.1230, 17.1944, 38.4801



96.2570, -3.0847, 9.4216



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



117.1100, -13.3652, 40.2455



139.6030, -21.0033, 63.4922



138.2420, -23.7833, 21.7128



76.2780, -1.6161, 5.0182



53.9210, -26.5831, 79.8763



6.5560, -3.2321, 10.0364

Inverse Universe

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



135.8900, 13.3652, -40.2455



169.3970, 21.0033, -63.4922



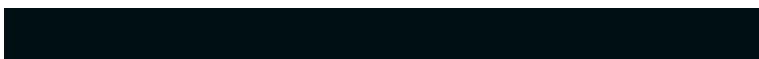
114.7580, 23.7833, -21.7128



78.7220, 1.6161, -5.0182



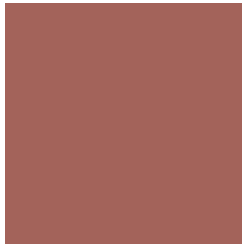
91.0790, 26.5831, -79.8763



11.4440, 3.2321, -10.0364

Previews

White Background



This preview shows how the YUV color 117.1100, -13.3652, 40.2455 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 117.1100, -13.3652, 40.2455 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 117.1100, -13.3652, 40.2455

Background



This preview shows how black text looks on a background with the YUV color 117.1100, -13.3652, 40.2455.

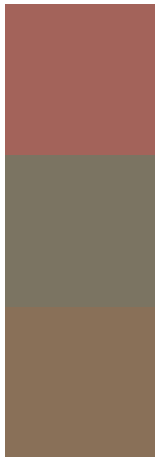


This preview shows how white text looks on a background with the YUV color 117.1100, -13.3652,

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

117.1100, -13.3652, 40.2455

Protanopia

116.0410, -8.8942, 6.1030

Deuteranopia

116.7390, -14.1683, 17.7689



Tritanopia

117.8310, -6.8187, 40.4902

Trichromacy



Original Color

117.1100, -13.3652, 40.2455

Protanomaly

116.6620, -10.6794, 18.7134

Deuteranomaly

116.6090, -13.6112, 25.7759

Tritanomaly

117.8480, -9.2921, 40.4753

Monochromacy



Original Color

117.1100, -13.3652, 40.2455

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8340, -4.8482, 15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1100, -13.3652, 40.2455 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(163, 99, 90)` looks like.

```
.text, #text, p{  
    color:rgb(163, 99, 90)  
}
```

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(163, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 99, 90) }
```

Border

The CSS property to change the border of an element to YUV 117.1100, -13.3652, 40.2455 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(163, 99, 90) }
```


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

```
.border{ border-color:rgb(163, 99, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 99, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(163, 99,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 117.1100, -13.3652, 40.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 99, 90) }
```

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

```
.background{ background-color: rgb(163, 99,  
90) }
```

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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