

Converting Colors

YUV(113.3710, -32.7209,
41.7706)

Have a look what the booklet for
YUV(113.3710, -32.7209, 41.7706)
contains.

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Color

**YUV(113.3710, -32.7209,
41.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	A1662F
RGB	161, 102, 47
RGB Percent	63%, 40%, 18%
CMY	0.3686, 0.6000, 0.8157
CMYK	0.00, 0.37, 0.71, 0.37
HSL	29°, 55%, 41%
HSV	29°, 71%, 63%
XYZ	19.9624, 17.2850, 4.9735
YIQ	113.3710, 52.8190, -4.5970

Conversions

Conversions Part 2

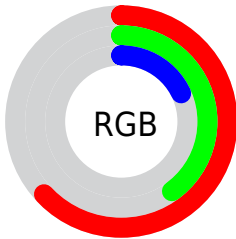
Format	Color
R_{YB}	161, 153, 47
Decimal	10577455
CIE _{Lab}	48.62, 18.69, 39.92
CIE _{LCh}	49, 44.073, 64.914
Yxy	17.2850, 0.4728, 0.4094
Android (android.graphics.Color)	4288767535 (0xFFA1662F)
YUV	113.3710, -32.7209, 41.7706
Hunter-Lab	41.5753, 12.9501, 22.0100

Details

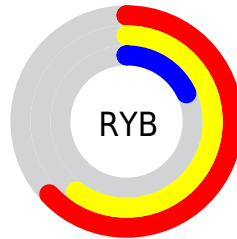
The YUV color **113.3710, -32.7209, 41.7706** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.6290, 32.7209, -41.7706**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2360, -34.6263, 46.2740**, and **63.6800, -31.3942, 36.2376** is the 20% darker color. If you saturate the color by 10%, you get **106.8510, -37.3945, 47.4887**, and if you desaturate by 10%, it is **119.8910, -28.0473, 36.0526**.

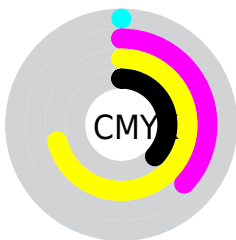
Distribution



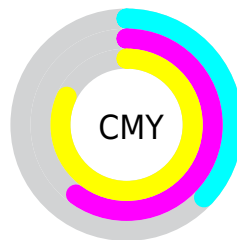
- Red (63%)
- Green (40%)
- Blue (18%)



- Red (63%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (71%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3710, -32.7209, 41.7706 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 113.3710, -32.7209, 41.7706 by changing the saturation by 10% instead.

■ 113.3710,
-32.7209, 41.7706

■ 113.3710,
-32.7209, 41.7706

■ 255.0000, 0.0000,
0.0000

■ 88.1750, -32.1313,
39.3115

■ 166.2360,
-34.6263, 46.2740

■ 63.6800, -31.3942,
36.2376

■ 193.9050,
-35.9422, 48.3183

■ 42.6930, -21.0476,
30.9642

■ 215.0990,
-33.5728, 34.9932

■ 22.2930, -10.9904,
25.1760

■ 234.6130,
-29.8822, 17.8794

■ 7.8880, -3.3958,
15.8842

■ 248.9580,
-23.1503, 5.2988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 113.3710,
-32.7209, 41.7706

■ 113.3710,
-32.7209, 41.7706

■ 106.8510,
-37.3945, 47.4887

■ 119.8910,
-28.0473, 36.0526

■ 99.7440, -41.7788,
53.7215

■ 126.9980,
-23.6630, 29.8198

■ 93.9250, -46.3050,
58.8248

■ 133.5180,
-18.9894, 24.1017

■ 140.0380,
-14.3157, 18.3837

■ 147.2590, -9.4947,
12.0509

■ 153.7790, -4.8210,
6.3328

■ 160.2990, -0.1474,
0.6148

■ 167.4060, 4.2368,
-5.6181

■ 173.9260, 8.9105,
-11.3361

Harmonies

Analogous

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



114.0260, -19.2398, 57.8592



113.3710, -32.7209, 41.7706



111.0660, -37.0075, 16.6051

Triad

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



113.3710, -32.7209, 41.7706



92.4520, 14.0742, -81.0804



118.0140, 29.0801, 6.1267

Complementary

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



113.3710, -32.7209, 41.7706



94.6290, 32.7209, -41.7706

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.



106.4740, 41.1783, -47.7737



113.3710, -32.7209, 41.7706



95.9690, 30.0883, -84.1648

Square

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



113.3710, -32.7209, 41.7706



96.1120, -6.9572, -55.3492



95.9980, 42.8920, -84.1902



118.7490, 14.4207, 41.4391

Rectangle

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



113.3710, -32.7209, 41.7706



108.4980, -32.2905, -3.0677



95.9980, 42.8920, -84.1902



115.9520, 33.0547, -8.7279

Sweetspot

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



113.3710, -32.7209, 41.7706



190.4830, -12.5631, 16.2394



88.0400, 9.8403, 63.9859



93.7040, -7.7421, 9.9066



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.



113.3710, -32.7209, 41.7706



134.7040, -51.1261, 65.1576



145.6560, -48.6374, 13.4567



78.0390, -2.4842, 3.4738



84.4450, -41.6314, 53.1067



10.6650, -5.2578, 6.4328

Inverse Universe

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



94.6290, 32.7209, -41.7706



105.2960, 51.1261, -65.1576



62.3440, 48.6374, -13.4567



76.9610, 2.4842, -3.4738



60.5550, 41.6314, -53.1067



7.3350, 5.2578, -6.4328

Previews

White Background



This preview shows how the YUV color 113.3710, -32.7209, 41.7706 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 113.3710, -32.7209, 41.7706 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 113.3710, -32.7209, 41.7706

Background



This preview shows how black text looks on a background with the YUV color 113.3710, -32.7209, 41.7706.



This preview shows how white text looks on a background with the YUV color 113.3710, -32.7209, 41.7706.

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

113.3710, -32.7209, 41.7706

Protanopia

112.4770, -30.3082, 14.4907

Deuteranopia

112.7560, -33.4037, 27.4010



Tritanopia

117.1300, -6.9661, 41.1050

Trichromacy



Original Color

113.3710, -32.7209, 41.7706

Protanomaly

113.0160, -31.0669, 24.5420

Deuteranomaly

112.9030, -32.9832, 32.5341

Tritanomaly

115.7250, -16.1334, 41.4602

Monochromacy



Original Color

113.3710, -32.7209, 41.7706

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9990, -11.8315, 14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3710, -32.7209, 41.7706 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(161, 102, 47)` looks like.

```
.text, #text, p{  
    color:rgb(161, 102, 47)  
}
```

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(161, 102, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 102, 47) }
```

Border

The CSS property to change the border of an element to YUV 113.3710, -32.7209, 41.7706 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(161, 102, 47) }
```


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

```
.border{ border-color:rgb(161, 102, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 102, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 102, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 102, 47);  
box-shadow:4px 4px 4px 4px rgb(161, 102,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 113.3710, -32.7209, 41.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 102, 47) }
```

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

```
.background{ background-color: rgb(161,  
102, 47) }
```

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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