

Converting Colors

YUV(112.3110, 41.7517,
-44.9997)

Have a look what the booklet for
YUV(112.3110, 41.7517, -44.9997)
contains.

YUV(112.3110, 41.7517, -44.9997)	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(112.3110, 41.7517,
-44.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7AC5
RGB	61, 122, 197
RGB Percent	24%, 48%, 77%
CMY	0.7608, 0.5216, 0.2275
CMYK	0.69, 0.38, 0.00, 0.23
HSL	213°, 54%, 51%
HSV	213°, 69%, 77%
XYZ	18.9620, 18.9424, 55.4802
YIQ	112.3110, -60.4310, 10.3930

Conversions

Conversions Part 2

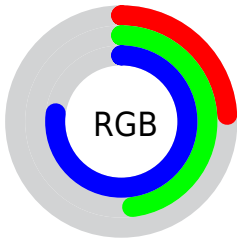
Format	Color
R_{YB}	61, 103, 197
Decimal	4029125
CIE _{Lab}	50.62, 5.00, -44.88
CIE _{LCh}	51, 45.160, 276.363
Yxy	18.9424, 0.2031, 0.2028
Android (android.graphics.Color)	4282219205 (0xFF3D7AC5)
YUV	112.3110, 41.7517, -44.9997
Hunter-Lab	43.5228, 1.6039, -45.1131

Details

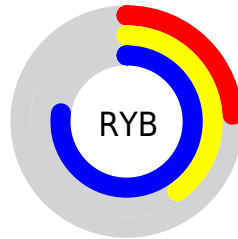
The YUV color **112.3110, 41.7517, -44.9997** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **145.6890, -41.7517, 44.9997**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8710, 42.4616, -39.3519**, and **59.7400, 41.0472, -52.3920** is the 20% darker color. If you saturate the color by 10%, you get **99.8740, 47.8831, -51.6325**, and if you desaturate by 10%, it is **124.7480, 35.6202, -38.3670**.

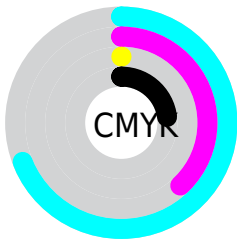
Distribution



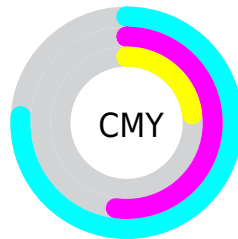
- Red (24%)
- Green (48%)
- Blue (77%)



- Red (24%)
- Yellow (40%)
- Blue (77%)



- Cyan (69%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (52%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3110, 41.7517, -44.9997 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 112.3110, 41.7517, -44.9997 by changing the saturation by 10% instead.

■ 112.3110, 41.7517,
-44.9997

■ 112.3110, 41.7517,
-44.9997

■ 255.0000, 0.0000,
0.0000

■ 81.2880, 43.2420,
-56.3806

■ 167.8710, 42.4616,
-39.3519

■ 59.7400, 41.0472,
-52.3920

■ 192.5050, 30.8100,
-35.5229

■ 43.8620, 36.0570,
-38.4670

■ 217.9110, 18.2849,
-31.4939

■ 29.2720, 30.9249,
-25.6715

■ 241.8440, 6.4859,
-27.0502

■ 11.2740, 27.9659,
-9.8873

■ 250.8140, 2.0637,
-8.6069

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 112.3110, 41.7517,
-44.9997

■ 112.3110, 41.7517,
-44.9997

■ 99.8740, 47.8831,
-51.6325

■ 124.7480, 35.6202,
-38.3670

■ 87.7360, 53.8672,
-57.6505

■ 136.8860, 29.6362,
-32.3490

■ 75.2990, 59.9986,
-64.2832

■ 149.3230, 23.5048,
-25.7163

■ 74.1140, 60.5828,
-64.9980

■ 161.1730, 17.6627,
-18.5687

■ 173.6100, 11.5313,
-11.9360

■ 185.7480, 5.5472,
-5.9180

■ 198.1850, -0.5842,
0.7148

■ 210.6220, -6.7156,
7.3475

■ 222.7600,
-12.6997, 13.3655

Harmonies

Analogous

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



99.8450, 44.9394, -87.5641



112.3110, 41.7517, -44.9997



123.4380, 29.3641, 8.3859

Triad

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



112.3110, 41.7517, -44.9997



119.2820, -20.8450, 59.3887



99.4210, -5.6306, -60.8822

Complementary

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



112.3110, 41.7517, -44.9997



145.6890, -41.7517, 44.9997

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.



111.2730, -27.7426, -15.1484



112.3110, 41.7517, -44.9997



118.0290, -34.0313, 42.0706

Square

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



112.3110, 41.7517, -44.9997



120.5870, -3.2474, 61.7522



115.5390, -37.7337, 16.1903



96.7720, 15.3954, -84.8690

Rectangle

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



112.3110, 41.7517, -44.9997



124.3720, 19.5366, 33.8768



115.5390, -37.7337, 16.1903



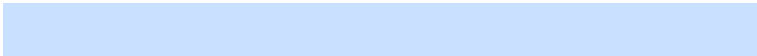
105.8380, -14.7101, -41.9539

Sweetspot

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



112.3110, 41.7517, -44.9997



221.2440, 16.6417, -17.7540



149.3820, -6.5973, -77.5110



107.8660, 9.9261, -10.4065



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



112.3110, 41.7517, -44.9997



122.9330, 65.1090, -70.1012



78.5970, 58.3727, -9.2936



93.3740, 2.7736, -2.9590



61.4330, 50.0725, -53.8767



13.4960, 11.0945, -11.8360

Inverse Universe

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



108.6180, 6.5973, 77.5110



117.2180, 10.2455, 120.8348



179.4030, -58.3727, 9.2936



93.1470, 0.4205, 5.1331



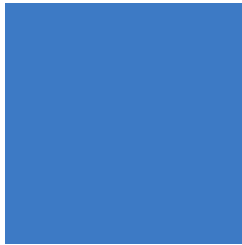
57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 112.3110, 41.7517, -44.9997 looks on a white 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

Black Background



This preview shows how the YUV color 112.3110, 41.7517, -44.9997 looks on a black 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

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

YUV 112.3110, 41.7517, -44.9997 Background



This preview shows how black text looks on a background with the YUV color 112.3110, 41.7517, -44.9997.



This preview shows how white text looks on a background with the YUV color 112.3110, 41.7517, -44.9997.

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

112.3110, 41.7517, -44.9997

Protanopia

117.8900, 37.0292, -23.5825

Deuteranopia

114.4150, 40.7144, -38.9520



Tritanopia

98.6730, 22.3462, -74.2582

Trichromacy



Original Color

112.3110, 41.7517, -44.9997

Protanomaly

115.8890, 38.5087, -31.4747

Deuteranomaly

113.5180, 41.1566, -40.7963

Tritanomaly

103.5740, 29.2970, -63.6474

Monochromacy



Original Color

112.3110, 41.7517, -44.9997

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3110, 41.7517, -44.9997 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(61, 122, 197)` looks like.

```
.text, #text, p{  
    color:rgb(61, 122, 197)  
}
```

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(61, 122, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 122, 197) }
```

Border

The CSS property to change the border of an element to YUV 112.3110, 41.7517, -44.9997 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(61, 122, 197) }
```


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

```
.border{ border-color:rgb(61, 122, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 122, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 122, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 122, 197);  
box-shadow:4px 4px 4px 4px rgb(61, 122,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 112.3110, 41.7517, -44.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 122, 197) }
```

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

```
.background{ background-color: rgb(61, 122,  
197) }
```

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