

Converting Colors

YUV(117.3210, 26.4637,
-41.5005)

Have a look what the booklet for
YUV(117.3210, 26.4637, -41.5005)
contains.

YUV(117.3210, 26.4637, -41.5005)	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(117.3210, 26.4637,
-41.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	4683AB
RGB	70, 131, 171
RGB Percent	27%, 51%, 67%
CMY	0.7255, 0.4863, 0.3294
CMYK	0.59, 0.23, 0.00, 0.33
HSL	204°, 42%, 47%
HSV	204°, 59%, 67%
XYZ	17.9928, 20.4750, 41.5318
YIQ	117.3210, -49.1960, -0.4920

Conversions

Conversions Part 2

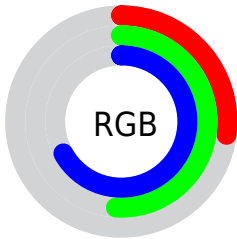
Format	Color
R_{YB}	70, 108, 171
Decimal	4621227
CIE _{Lab}	52.37, -7.60, -27.17
CIE _{LCh}	52, 28.210, 254.361
Yxy	20.4750, 0.2249, 0.2559
Android (android.graphics.Color)	4282811307 (0xFF4683AB)
YUV	117.3210, 26.4637, -41.5005
Hunter-Lab	45.2493, -8.2081, -22.7445

Details

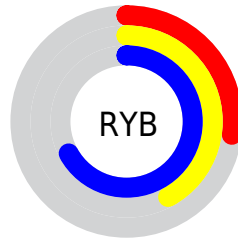
The YUV color **117.3210, 26.4637, -41.5005** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **123.6790, -26.4637, 41.5005**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4460, 26.8951, -39.8561**, and **61.7000, 28.2489, -54.1109** is the 20% darker color. If you saturate the color by 10%, you get **108.1290, 30.9954, -48.3481**, and if you desaturate by 10%, it is **126.5130, 21.9321, -34.6529**.

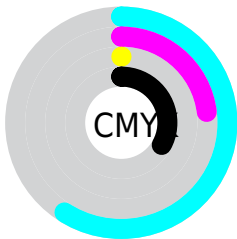
Distribution



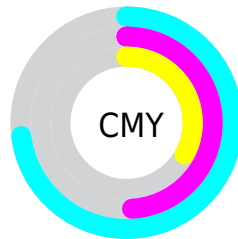
- Red (27%)
- Green (51%)
- Blue (67%)



- Red (27%)
- Yellow (42%)
- Blue (67%)



- Cyan (59%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3210, 26.4637, -41.5005 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 117.3210, 26.4637, -41.5005 by changing the saturation by 10% instead.

■ 117.3210, 26.4637,
-41.5005

■ 117.3210, 26.4637,
-41.5005

■ 255.0000, 0.0000,
0.0000

■ 90.2990, 26.4746,
-44.9892

■ 171.4460, 26.8951,
-39.8561

■ 61.7000, 28.2489,
-54.1109

■ 199.5600, 27.3319,
-39.9561

■ 45.3490, 23.9849,
-39.7711

■ 224.6670, 14.9542,
-36.5420

■ 29.6990, 19.8684,
-26.0460

■ 242.1430, 6.3385,
-26.4354

■ 15.3370, 15.6099,
-13.4505

■ 250.8140, 2.0637,
-8.6069

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 117.3210, 26.4637,
-41.5005

■ 117.3210, 26.4637,
-41.5005

■ 108.1290, 30.9954,
-48.3481

■ 126.5130, 21.9321,
-34.6529

■ 98.9370, 35.5271,
-55.1957

■ 135.7050, 17.4004,
-27.8053

■ 90.3320, 39.7693,
-62.5582

■ 144.3100, 13.1582,
-20.4429

■ 81.1400, 44.3010,
-69.4058

■ 153.5020, 8.6265,
-13.5953

■ 79.9550, 44.8852,
-70.1205

■ 162.6940, 4.0949,
-6.7476

■ 172.1850, -0.5842,
0.7148

■ 180.7900, -4.8265,
8.0772

■ 189.9820, -9.3581,
14.9248

■ 199.1740,
-13.8898, 21.7724

Harmonies

Analogous

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



108.9070, 24.2028, -63.0624



117.3210, 26.4637, -41.5005



124.4000, 23.4668, -13.5058

Triad

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



117.3210, 26.4637, -41.5005



127.5320, -6.6713, 39.8754



119.1280, -14.3601, -14.1443

Complementary

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



117.3210, 26.4637, -41.5005



123.6790, -26.4637, 41.5005

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.



122.1970, -22.2821, 6.8432



117.3210, 26.4637, -41.5005



125.8770, -16.7014, 36.9419

Square

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



117.3210, 26.4637, -41.5005



128.2780, 5.2859, 31.3282



124.3070, -22.3364, 24.2868



114.9000, -1.9227, -36.7463

Rectangle

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



117.3210, 26.4637, -41.5005



127.2560, 18.6078, 5.0375



124.3070, -22.3364, 24.2868



120.5480, -18.0182, -7.4966

Sweetspot

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



117.3210, 26.4637, -41.5005



200.6480, 10.5265, -16.3543



133.7330, -12.1934, -55.8938



98.9540, 6.4317, -9.6067



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



117.3210, 26.4637, -41.5005



137.7770, 41.5219, -64.7024



88.5580, 40.6439, -16.2754



81.9610, 2.4842, -3.4738



70.5170, 39.1851, -61.8434



10.8400, 5.9949, -9.5067

Inverse Universe

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



107.1530, 11.7566, 55.9938



122.0720, 18.2055, 87.6369



152.4420, -40.6439, 16.2754



81.2610, 0.8573, 5.0331



55.2240, 17.6376, 83.1186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 117.3210, 26.4637, -41.5005 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 117.3210, 26.4637, -41.5005 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 117.3210, 26.4637, -41.5005

Background



This preview shows how black text looks on a background with the YUV color 117.3210, 26.4637, -41.5005.



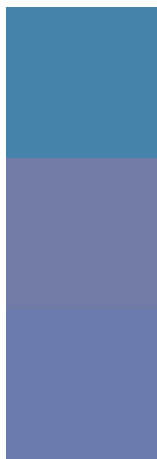
This preview shows how white text looks on a background with the YUV color 117.3210, 26.4637, -41.5005.

-41.5005.

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

117.3210, 26.4637, -41.5005

Protanopia

124.7980, 19.8196, -10.3468

Deuteranopia

124.2150, 24.0510, -14.2206



Tritanopia

113.5300, 16.0077, -47.8228

Trichromacy



Original Color

117.3210, 26.4637, -41.5005

Protanomaly

122.0030, 22.1835, -21.9276

Deuteranomaly

121.6760, 24.8097, -24.2719

Tritanomaly

115.1650, 19.6387, -45.7487

Monochromacy



Original Color

117.3210, 26.4637, -41.5005

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3210, 26.4637, -41.5005 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(70, 131, 171)` looks like.

```
.text, #text, p{  
    color:rgb(70, 131, 171)  
}
```

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(70, 131, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 131, 171) }
```

Border

The CSS property to change the border of an element to YUV 117.3210, 26.4637, -41.5005 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(70, 131, 171) }
```


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

```
.border{ border-color:rgb(70, 131, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 131, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 131, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 131, 171);  
box-shadow:4px 4px 4px 4px rgb(70, 131,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 117.3210, 26.4637, -41.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 131, 171) }
```

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

```
.background{ background-color: rgb(70, 131,  
171) }
```

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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