

Converting Colors

YUV(117.7770, 28.2109,
-41.9004)

Have a look what the booklet for
YUV(117.7770, 28.2109, -41.9004)
contains.

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Color

**YUV(117.7770, 28.2109,
-41.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	4683AF
RGB	70, 131, 175
RGB Percent	27%, 51%, 69%
CMY	0.7255, 0.4863, 0.3137
CMYK	0.60, 0.25, 0.00, 0.31
HSL	205°, 43%, 48%
HSV	205°, 60%, 69%
XYZ	18.3800, 20.6298, 43.5707
YIQ	117.7770, -50.4800, 0.7520

Conversions

Conversions Part 2

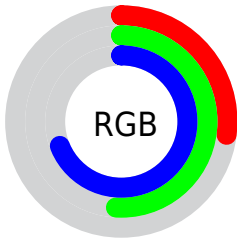
Format	Color
R_{YB}	70, 109, 175
Decimal	4621231
CIE _{Lab}	52.54, -6.30, -29.21
CIE _{LCh}	53, 29.877, 257.824
Yxy	20.6298, 0.2226, 0.2498
Android (android.graphics.Color)	4282811311 (0xFF4683AF)
YUV	117.7770, 28.2109, -41.9004
Hunter-Lab	45.4201, -7.2523, -25.0818

Details

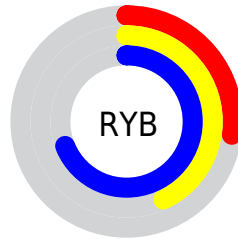
The YUV color **117.7770, 28.2109, -41.9004** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **127.2230, -28.2109, 41.9004**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3150, 28.9317, -39.7413**, and **62.0420, 29.5593, -54.4108** is the 20% darker color. If you saturate the color by 10%, you get **108.5850, 32.7426, -48.7480**, and if you desaturate by 10%, it is **127.2680, 23.5319, -34.4380**.

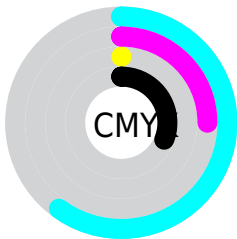
Distribution



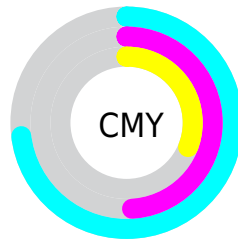
- Red (27%)
- Green (51%)
- Blue (69%)



- Red (27%)
- Yellow (43%)
- Blue (69%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7770, 28.2109, -41.9004 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 117.7770, 28.2109, -41.9004 by changing the saturation by 10% instead.

■ 117.7770, 28.2109,
-41.9004

■ 117.7770, 28.2109,
-41.9004

■ 255.0000, 0.0000,
0.0000

■ 90.4560, 28.3692,
-46.0039

■ 172.3150, 28.9317,
-39.7413

■ 62.0420, 29.5593,
-54.4108

■ 199.2720, 27.4739,
-38.8265

■ 45.6910, 25.2953,
-40.0710

■ 224.6670, 14.9542,
-36.5420

■ 30.6280, 20.8894,
-26.8608

■ 242.1430, 6.3385,
-26.4354

■ 15.6790, 16.9203,
-13.7505

■ 251.1130, 1.9163,
-7.9921

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 117.7770, 28.2109,
-41.9004

■ 117.7770, 28.2109,
-41.9004

■ 108.5850, 32.7426,
-48.7480

■ 127.2680, 23.5319,
-34.4380

■ 98.5070, 37.7110,
-55.6956

■ 137.0470, 18.7108,
-28.1052

■ 89.0160, 42.3901,
-63.1580

■ 146.2390, 14.1792,
-21.2576

■ 79.8240, 46.9218,
-70.0056

■ 155.7300, 9.5001,
-13.7952

■ 165.8080, 4.5317,
-6.8476

■ 175.0000, 0.0000,
0.0000

■ 184.4910, -4.6791,
7.4624

■ 194.2700, -9.5001,
13.7952

■ 203.7610,
-14.1792, 21.2576

Harmonies

Analogous

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



106.4760, 27.8663, -71.4545



117.7770, 28.2109, -41.9004



125.8240, 23.7508, -11.2466

Triad

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



117.7770, 28.2109, -41.9004



127.5000, -8.1345, 42.5345



118.8070, -14.2019, -18.2477

Complementary

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



117.7770, 28.2109, -41.9004



127.2230, -28.2109, 41.9004

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.



122.3600, -22.8555, 4.0693



117.7770, 28.2109, -41.9004



126.3070, -18.8854, 37.4418

Square

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



117.7770, 28.2109, -41.9004



128.9580, 3.9647, 35.1168



124.4380, -24.3729, 24.1719



113.4370, 0.2776, -42.4792

Rectangle

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



117.7770, 28.2109, -41.9004



127.9790, 18.7444, 7.9114



124.4380, -24.3729, 24.1719



119.9390, -17.7179, -10.4705

Sweetspot

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



117.7770, 28.2109, -41.9004



204.7620, 10.9633, -16.4543



136.6510, -11.1669, -58.4529



101.0680, 6.8685, -9.7066



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



117.7770, 28.2109, -41.9004



137.7600, 43.9953, -64.6875



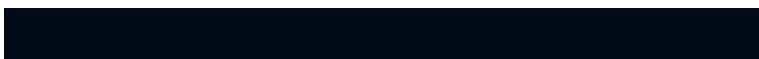
87.2530, 43.2593, -15.1309



81.9610, 2.4842, -3.4738



68.1690, 40.3427, -59.7842



10.2530, 6.2843, -8.9919

Inverse Universe

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



108.3490, 11.1669, 58.4529



123.4530, 17.0317, 90.8107



157.7470, -43.2593, 15.1309



81.2610, 0.8573, 5.0331



54.7680, 15.8904, 83.5185



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 117.7770, 28.2109, -41.9004 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 117.7770, 28.2109, -41.9004 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

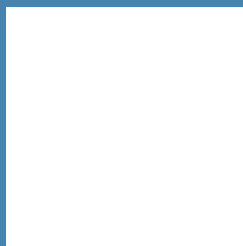
Any Text WCAG AAA × Fail

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

YUV 117.7770, 28.2109, -41.9004 Background



This preview shows how black text looks on a background with the YUV color 117.7770, 28.2109, -41.9004.

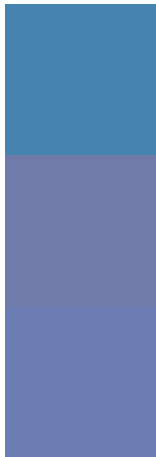


This preview shows how white text looks on a background with the YUV color 117.7770, 28.2109, -41.9004.

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

117.7770, 28.2109, -41.9004

Protanopia

124.9550, 21.7142, -11.3615

Deuteranopia

124.6600, 25.8036, -16.3648



Tritanopia

113.9320, 16.3025, -49.0524

Trichromacy



Original Color

117.7770, 28.2109, -41.9004

Protanomaly

122.4590, 23.9307, -22.3275

Deuteranomaly

122.4200, 26.4149, -25.8013

Tritanomaly

115.0940, 20.6597, -46.5634

Monochromacy



Original Color

117.7770, 28.2109, -41.9004

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2460, 10.2317, -15.1247

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7770, 28.2109, -41.9004 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(70, 131, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 131, 175) }
```

Border

The CSS property to change the border of an element to YUV 117.7770, 28.2109, -41.9004 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, 175) }
```


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

```
.border{ border-color:rgb(70, 131, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 131, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 131, 175);  
box-shadow:4px 4px 4px 4px rgb(70, 131,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 117.7770, 28.2109, -41.9004 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, 175) }
```

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

```
.background{ background-color: rgb(70, 131,  
175) }
```

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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