

Converting Colors

YUV(121.3750, 14.6051,
-17.8689)

Have a look what the booklet for
YUV(121.3750, 14.6051, -17.8689)
contains.

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Color

**YUV(121.3750, 14.6051,
-17.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	657E97
RGB	101, 126, 151
RGB Percent	40%, 49%, 59%
CMY	0.6039, 0.5059, 0.4078
CMYK	0.33, 0.17, 0.00, 0.41
HSL	210°, 20%, 49%
HSV	210°, 33%, 59%
XYZ	18.4136, 19.9228, 32.1531
YIQ	121.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

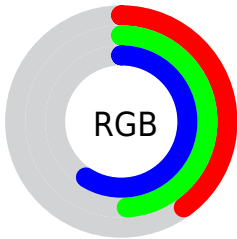
Format	Color
R_{YB}	101, 118, 151
Decimal	6651543
CIE _{Lab}	51.75, -2.71, -16.37
CIE _{LCh}	52, 16.597, 260.600
Yxy	19.9228, 0.2612, 0.2826
Android (android.graphics.Color)	4284841623 (0xFF657E97)
YUV	121.3750, 14.6051, -17.8689
Hunter-Lab	44.6349, -4.4732, -11.4656

Details

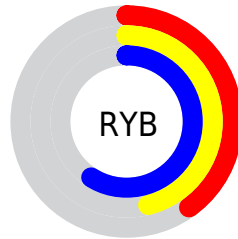
The YUV color $121.3750, 14.6051, -17.8689$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $130.6250, -14.6051, 17.8689$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.1900, 15.1893, -18.5836$, and $72.1470, 13.7315, -17.6689$ is the 20% darker color. If you saturate the color by 10%, you get $112.1940, 19.1314, -22.9721$, and if you desaturate by 10%, it is $130.5560, 10.0789, -12.7656$.

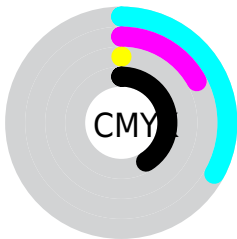
Distribution



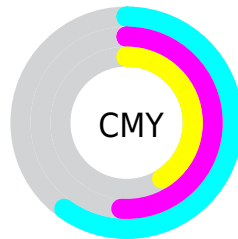
- Red (40%)
- Green (49%)
- Blue (59%)



- Red (40%)
- Yellow (46%)
- Blue (59%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3750, 14.6051, -17.8689 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 121.3750, 14.6051, -17.8689 by changing the saturation by 10% instead.

■ 121.3750, 14.6051,
-17.8689

■ 121.3750, 14.6051,
-17.8689

■ 255.0000, 0.0000,
0.0000

■ 96.2610, 14.1683,
-17.7689

■ 174.1900, 15.1893,
-18.5836

■ 72.1470, 13.7315,
-17.6689

■ 201.3040, 15.6261,
-18.6836

■ 48.4350, 13.5895,
-18.7985

■ 228.6200, 13.0053,
-18.0837

■ 25.7120, 13.4530,
-21.6724

■ 249.6180, 2.6533,
-11.0660

■ 9.5180, 11.0836,
-8.3473

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 121.3750, 14.6051,
-17.8689

■ 121.3750, 14.6051,
-17.8689

■ 112.1940, 19.1314,
-22.9721

■ 130.5560, 10.0789,
-12.7656

■ 103.6000, 23.3682,
-28.5902

■ 139.1500, 5.8420,
-7.1476

■ 94.4190, 27.8944,
-33.6935

■ 148.3310, 1.3158,
-2.0443

■ 85.8250, 32.1313,
-39.3115

■ 156.9250, -2.9210,
3.5738

■ 76.6440, 36.6575,
-44.4148

■ 166.4050, -7.5947,
9.2918

■ 67.7510, 41.0418,
-50.6476

■ 174.9990,
-11.8315, 14.9099

■ 61.8260, 43.9628,
-54.2214

■ 184.1800,
-16.3577, 20.0131

■ 192.7740,
-20.5946, 25.6312

■ 201.9550,
-25.1208, 30.7345

Harmonies

Analogous

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



118.8530, 12.8905, -27.9351



121.3750, 14.6051, -17.8689



124.0070, 12.8145, -3.5141

Triad

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



121.3750, 14.6051, -17.8689



125.6610, -5.7489, 23.9763



119.9850, -7.3876, -10.5108

Complementary

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



121.3750, 14.6051, -17.8689



130.6250, -14.6051, 17.8689

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.



122.0960, -12.3723, 1.6698



121.3750, 14.6051, -17.8689



124.2710, -10.9796, 21.6873

Square

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



121.3750, 14.6051, -17.8689



126.0610, 0.9559, 20.1175



123.2330, -13.4259, 12.9507



118.1560, -0.0769, -22.0618

Rectangle

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



121.3750, 14.6051, -17.8689



125.2640, 9.7298, 5.9075



123.2330, -13.4259, 12.9507



120.5510, -9.1456, -6.6222

Sweetspot

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



121.3750, 14.6051, -17.8689



185.0360, 5.4053, -7.0476



133.2000, -3.5496, -28.2394



92.1890, 3.3578, -3.6738



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



121.3750, 14.6051, -17.8689



149.7850, 22.7840, -27.8754



106.7000, 21.8399, -4.9989



72.2600, 2.3368, -2.8590



57.0500, 40.8944, -50.0328



5.0040, 3.9420, -4.3885

Inverse Universe

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



118.8000, 3.5496, 28.2394



145.7680, 5.5374, 44.0535



145.3000, -21.8399, 4.9989



71.8480, 0.5679, 4.5183



49.8400, 9.9389, 79.0703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 121.3750, 14.6051, -17.8689 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 121.3750, 14.6051, -17.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

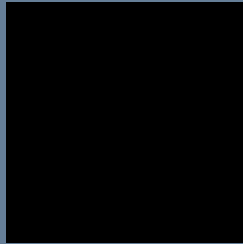
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

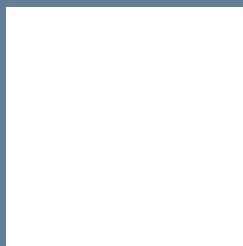
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.3750, 14.6051, -17.8689

Background



This preview shows how black text looks on a background with the YUV color 121.3750, 14.6051, -17.8689.



This preview shows how white text looks on a background with the YUV color 121.3750, 14.6051, -17.8689.

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

121.3750, 14.6051, -17.8689

Protanopia

123.4690, 12.0938, -5.6733

Deuteranopia

124.2350, 13.6881, -3.7141



Tritanopia

120.1700, 8.7902, -19.4431

Trichromacy



Original Color

121.3750, 14.6051, -17.8689

Protanomaly

122.3760, 13.1256, -9.9768

Deuteranomaly

123.3160, 14.1412, -9.0471

Tritanomaly

120.4520, 11.1162, -18.8134

Monochromacy



Original Color

121.3750, 14.6051, -17.8689

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3350, 5.2578, -6.4328

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3750, 14.6051, -17.8689 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(101, 126, 151)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 151)  
}
```

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(101, 126, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 151) }
```

Border

The CSS property to change the border of an element to YUV 121.3750, 14.6051, -17.8689 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(101, 126, 151) }
```


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

```
.border{ border-color:rgb(101, 126, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 126, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 151);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 121.3750, 14.6051, -17.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 151) }
```

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

```
.background{ background-color: rgb(101,  
126, 151) }
```

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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