

Converting Colors

YUV(177.7610, 12.4428,
-24.3464)

Have a look what the booklet for
YUV(177.7610, 12.4428, -24.3464)
contains.

YUV(177.7610, 12.4428, -24.3464)	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(177.7610, 12.4428,
-24.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	96BBCB
RGB	150, 187, 203
RGB Percent	59%, 73%, 80%
CMY	0.4118, 0.2667, 0.2039
CMYK	0.26, 0.08, 0.00, 0.20
HSL	198°, 34%, 69%
HSV	198°, 26%, 80%
XYZ	41.1275, 46.3365, 63.2761
YIQ	177.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

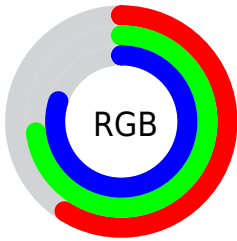
Format	Color
RYB	150, 172, 203
Decimal	9878475
CIELab	73.76, -8.73, -12.14
CIELCh	74, 14.949, 234.275
Yxy	46.3365, 0.2728, 0.3074
Android (android.graphics.Color)	4288068555 (0xFF96BBCB)
YUV	177.7610, 12.4428, -24.3464
Hunter-Lab	68.0709, -11.2769, -7.4641

Details

The YUV color $177.7610, 12.4428, -24.3464$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.2390, -12.4428, 24.3464$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.0060, 10.8430, -24.5613$, and $124.9460, 11.8586, -23.6316$ is the 20% darker color. If you saturate the color by 10%, you get $168.2590, 17.1273, -33.5531$, and if you desaturate by 10%, it is $187.2630, 7.7583, -15.1397$.

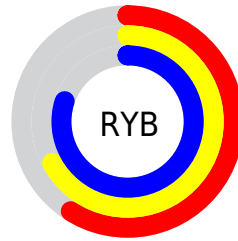
Distribution



Red (59%)

Green (73%)

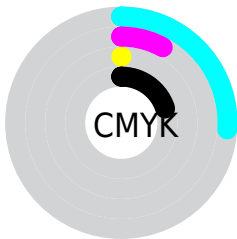
Blue (80%)



Red (59%)

Yellow (67%)

Blue (80%)

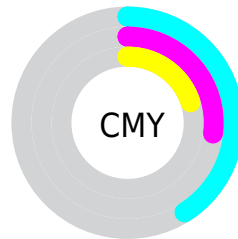


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (27%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7610, 12.4428, -24.3464 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 177.7610, 12.4428, -24.3464 by changing the saturation by 10% instead.

■ 177.7610, 12.4428,
-24.3464

■ 177.7610, 12.4428,
-24.3464

255.0000, 0.0000,
0.0000

■ 150.7610, 12.4428,
-24.3464

■ 233.0060, 10.8430,
-24.5613

■ 124.9460, 11.8586,
-23.6316

■ 248.7210, 3.0955,
-12.9103

■ 99.8320, 11.4218,
-23.5317

■ 74.8320, 11.4218,
-23.5317

■ 51.1200, 11.2798,
-24.6612

■ 28.8210, 11.4272,
-25.2760

■ 14.6870, 8.0423,

-12.8805

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 177.7610, 12.4428,
-24.3464

■ 177.7610, 12.4428,
-24.3464

■ 168.2590, 17.1273,
-33.5531

■ 187.2630, 7.7583,
-15.1397

■ 158.4580, 21.9592,
-43.3747

■ 197.0640, 2.9264,
-5.3181

■ 148.9560, 26.6437,
-52.5814

■ 206.5660, -1.7580,
3.8886

■ 138.8670, 31.6176,
-61.2734

■ 216.6550, -6.7319,
12.5806

■ 129.3650, 36.3021,
-70.4801

■ 226.4560,
-11.5638, 22.4021

■ 119.5640, 41.1339,
-80.3016

■ 230.8750,
-13.7424, 21.1576

■ 110.0620, 45.8184,
-89.5084

■ 234.3970,
-15.4787, 18.0688

■ 106.4960, 47.5765,
-93.3970

■ 237.9190,
-17.2151, 14.9800

■ 241.4410,
-18.9514, 11.8912

Harmonies

Analogous

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



176.4850, 7.6489, -26.7353



177.7610, 12.4428, -24.3464



179.8700, 13.8681, -14.7950

Triad

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



177.7610, 12.4428, -24.3464



183.8330, 0.0823, 20.3175



179.6120, -11.6407, 0.3403

Complementary

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



177.7610, 12.4428, -24.3464



175.2390, -12.4428, 24.3464

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.



180.9340, -13.2785, 12.3359



177.7610, 12.4428, -24.3464



183.5470, -6.1857, 24.0763

Square

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



177.7610, 12.4428, -24.3464



183.4990, 6.6560, 11.8404



182.5590, -11.1216, 20.5578



177.6150, -6.2192, -11.9404

Rectangle

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



177.7610, 12.4428, -24.3464



181.6970, 12.9674, -5.8733



182.5590, -11.1216, 20.5578



179.8190, -12.2358, 4.5437

Sweetspot

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



177.7610, 12.4428, -24.3464



245.4980, 4.6845, -9.2067



182.9350, -8.3490, -28.8840



121.7650, 3.0739, -5.9329



0.0000, 0.0000, 0.0000



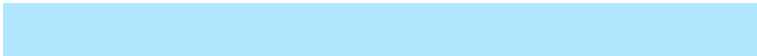
128.0000, 0.0000, 0.0000

Same Dimension

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



177.7610, 12.4428, -24.3464



217.2910, 18.5905, -36.2122



162.4990, 19.9670, -10.9616



97.2490, 2.3422, -4.6034



87.0160, 38.9391, -76.3130



20.1810, 8.7848, -17.6987

Inverse Universe

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



170.0650, 8.3490, 28.8840



205.8910, 12.3787, 43.0686



190.5010, -19.9670, 10.9616



95.7880, 1.5835, 5.4479



62.8580, 26.1990, 90.4555



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 177.7610, 12.4428, -24.3464 looks on a white background.

Color Contrast Check

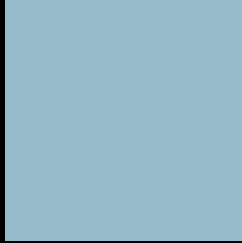
Large Text (above 18pt) WCAG AA × Fail

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 177.7610, 12.4428, -24.3464 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 ✓ Pass

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

YUV 177.7610, 12.4428, -24.3464 Background



This preview shows how black text looks on a background with the YUV color 177.7610, 12.4428, -24.3464.



This preview shows how white text looks on a background with the YUV color 177.7610, 12.4428, -24.3464.

-24.3464.

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

177.7610, 12.4428, -24.3464

Protanopia

181.7530, 8.0098, -2.4144

Deuteranopia

182.5950, 11.0457, 3.8632



Tritanopia

177.6470, 12.0060, -24.2464

Trichromacy



Original Color

177.7610, 12.4428, -24.3464

Protanomaly

180.4530, 9.6367, -10.9213

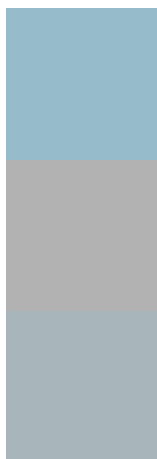
Deuteranomaly

180.9420, 11.3676, -6.0881

Tritanomaly

177.6470, 12.0060, -24.2464

Monochromacy



Original Color

177.7610, 12.4428, -24.3464

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7970, 4.5371, -8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7610, 12.4428, -24.3464 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(150, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(150, 187, 203)  
}
```

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(150, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 187, 203) }
```

Border

The CSS property to change the border of an element to YUV 177.7610, 12.4428, -24.3464 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(150, 187, 203) }
```


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

```
.border{ border-color:rgb(150, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(150, 187,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 177.7610, 12.4428, -24.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 187, 203) }
```

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

```
.background{ background-color: rgb(150,  
187, 203) }
```

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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