

Converting Colors

YUV(203.7610, 12.4428,
-24.3464)

Have a look what the booklet for
YUV(203.7610, 12.4428, -24.3464)
contains.

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Color

**YUV(203.7610, 12.4428,
-24.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D5E5
RGB	176, 213, 229
RGB Percent	69%, 84%, 90%
CMY	0.3098, 0.1647, 0.1020
CMYK	0.23, 0.07, 0.00, 0.10
HSL	198°, 50%, 79%
HSV	198°, 23%, 90%
XYZ	55.8416, 62.4757, 83.2446
YIQ	203.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

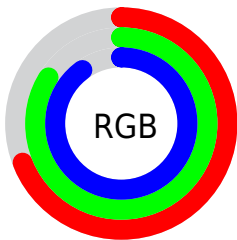
Format	Color
R _Y B	176, 198, 229
Decimal	11589093
CIE Lab	83.17, -8.67, -11.90
CIE LCh	83, 14.724, 233.937
Yxy	62.4757, 0.2770, 0.3100
Android (android.graphics.Color)	4289779173 (0xFFB0D5E5)
YUV	203.7610, 12.4428, -24.3464
Hunter-Lab	79.0416, -12.2155, -7.1136

Details

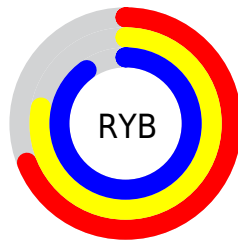
The YUV color $203.7610, 12.4428, -24.3464$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $201.2390, -12.4428, 24.3464$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $149.0600, 12.2954, -23.7316$ is the 20% darker color. If you saturate the color by 10%, you get $192.7750, 17.8589, -34.8827$, and if you desaturate by 10%, it is $214.7470, 7.0267, -13.8101$.

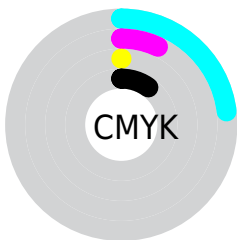
Distribution



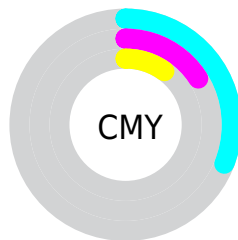
- Red (69%)
- Green (84%)
- Blue (90%)



- Red (69%)
- Yellow (78%)
- Blue (90%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.7610, 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 203.7610, 12.4428, -24.3464 by changing the saturation by 10% instead.

■ 203.7610, 12.4428,
-24.3464

■ 203.7610, 12.4428,
-24.3464

255.0000, 0.0000,
0.0000

■ 176.0600, 12.2954,
-23.7316

■ 248.1230, 3.3904,
-14.1399

■ 149.0600, 12.2954,
-23.7316

■ 123.2450, 11.7112,
-23.0169

■ 98.1310, 11.2744,
-22.9169

■ 73.7180, 10.9850,
-23.4317

■ 50.1200, 11.2798,
-24.6612

■ 28.0060, 10.8430,

-24.5613

■ 13.8720, 7.4581,
-12.1657

■ 0.0000, 0.0000,
0.0000

■ 203.7610, 12.4428,
-24.3464

■ 203.7610, 12.4428,
-24.3464

■ 192.7750, 17.8589,
-34.8827

■ 214.7470, 7.0267,
-13.8101

■ 181.7890, 23.2750,
-45.4190

■ 225.7330, 1.6106,
-3.2738

■ 170.8030, 28.6911,
-55.9552

■ 236.7190, -3.8055,
7.2624

■ 159.8170, 34.1072,
-66.4915

■ 243.8180, -7.3053,
9.8066

■ 148.8310, 39.5233,
-77.0278

■ 247.9270, -9.3310,
6.2030

■ 138.7310, 44.5026,
-87.4641

■ 251.4490,
-11.0674, 3.1142

■ 127.7450, 49.9187,
-98.0004

■ 252.0360,
-11.3567, 2.5994

■ 120.0260, 53.7242,
-105.2628

Harmonies

Analogous

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



202.4850, 7.6489, -26.7353



203.7610, 12.4428, -24.3464



205.8700, 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.



203.7610, 12.4428, -24.3464



210.2460, 0.3717, 20.8323



205.6120, -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.



203.7610, 12.4428, -24.3464



201.2390, -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.



206.9340, -13.2785, 12.3359



203.7610, 12.4428, -24.3464



209.4330, -6.6225, 24.1763

Square

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



203.7610, 12.4428, -24.3464



209.6130, 7.0928, 11.7404



208.4450, -11.5584, 20.6577



203.6150, -6.2192, -11.9404

Rectangle

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



203.7610, 12.4428, -24.3464



207.3980, 13.1148, -6.4880



208.4450, -11.5584, 20.6577



206.0040, -12.8200, 5.2585

Sweetspot

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



203.7610, 12.4428, -24.3464



246.6830, 4.1003, -8.4920



208.9350, -8.3490, -28.8840



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



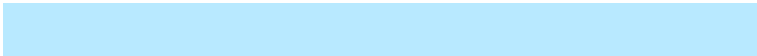
128.0000, 0.0000, 0.0000

Same Dimension

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



203.7610, 12.4428, -24.3464



220.8570, 16.8325, -32.3236



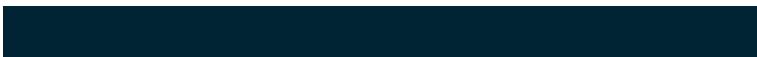
188.4990, 19.9670, -10.9616



109.0640, 2.9264, -5.3181



93.7810, 42.0130, -82.2459



26.9460, 11.8586, -23.6316

Inverse Universe

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



196.0650, 8.3490, 28.8840



210.8150, 10.9372, 38.7502



216.5010, -19.9670, 10.9616



107.5000, 1.7255, 6.5775



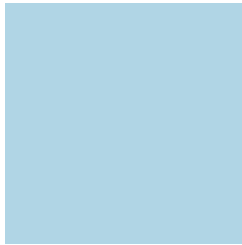
67.7710, 28.2139, 97.5478



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 203.7610, 12.4428, -24.3464 looks on a white background.

Color Contrast Check

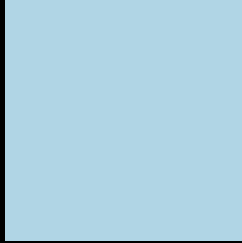
Large Text (above 18pt) WCAG AA × Fail

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 203.7610, 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

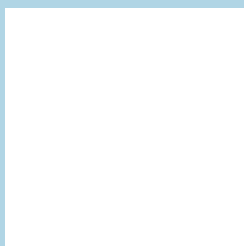
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.7610, 12.4428, -24.3464

Background



This preview shows how black text looks on a background with the YUV color 203.7610, 12.4428, -24.3464.



This preview shows how white text looks on a background with the YUV color 203.7610, 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

203.7610, 12.4428, -24.3464

Protanopia

207.1660, 8.2992, -1.8996

Deuteranopia

208.6060, 11.0402, 5.6075



Tritanopia

203.8750, 12.8796, -24.4464

Trichromacy



Original Color

203.7610, 12.4428, -24.3464

Protanomaly

205.8660, 9.9261, -10.4065

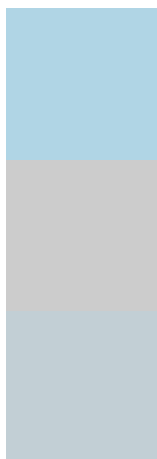
Deuteranomaly

206.6540, 11.5096, -4.9586

Tritanomaly

203.8750, 12.8796, -24.4464

Monochromacy



Original Color

203.7610, 12.4428, -24.3464

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7970, 4.5371, -8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.7610, 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(176, 213, 229)` looks like.

```
.text, #text, p{  
    color:rgb(176, 213, 229)  
}
```

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(176, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 213, 229) }
```

Border

The CSS property to change the border of an element to YUV 203.7610, 12.4428, -24.3464 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

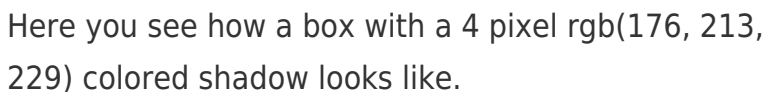
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 213, 229) }
```


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

```
.border{ border-color:rgb(176, 213, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 213, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 213, 229); box-shadow:4px 4px 4px 4px rgb(176, 213, 229) }
```

Background

The CSS property to change the background color of an element to YUV 203.7610, 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(176, 213, 229) }
```

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

```
.background{ background-color: rgb(176,  
213, 229) }
```

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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