

Converting Colors

YUV(204.7010, 13.4584,
-23.4168)

Have a look what the booklet for
YUV(204.7010, 13.4584, -23.4168)
contains.

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Color

**YUV(204.7010, 13.4584,
-23.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D5E8
RGB	178, 213, 232
RGB Percent	70%, 84%, 91%
CMY	0.3020, 0.1647, 0.0902
CMYK	0.23, 0.08, 0.00, 0.09
HSL	201°, 54%, 80%
HSV	201°, 23%, 91%
XYZ	56.7198, 62.8797, 85.4915
YIQ	204.7010, -26.9590, -1.5110

Conversions

Conversions Part 2

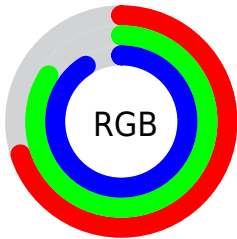
Format	Color
R _Y B	178, 199, 232
Decimal	11720168
CIE Lab	83.38, -7.40, -13.17
CIE LCh	83, 15.104, 240.651
Yxy	62.8797, 0.2766, 0.3066
Android (android.graphics.Color)	4289910248 (0xFFB2D5E8)
YUV	204.7010, 13.4584, -23.4168
Hunter-Lab	79.2967, -11.0907, -8.4141

Details

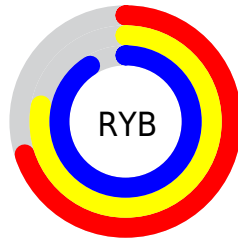
The YUV color $204.7010, 13.4584, -23.4168$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $205.2990, -13.4584, 23.4168$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $149.8860, 12.8742, -22.7020$ is the 20% darker color. If you saturate the color by 10%, you get $193.1280, 19.1639, -33.4383$, and if you desaturate by 10%, it is $216.2740, 7.7529, -13.3953$.

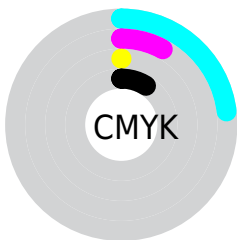
Distribution



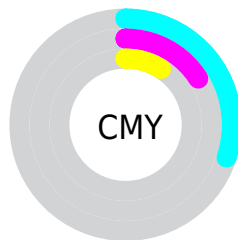
- Red (70%)
- Green (84%)
- Blue (91%)



- Red (70%)
- Yellow (78%)
- Blue (91%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7010, 13.4584, -23.4168 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 204.7010, 13.4584, -23.4168 by changing the saturation by 10% instead.

■ 204.7010, 13.4584,
-23.4168

■ 204.7010, 13.4584,
-23.4168

255.0000, 0.0000,
0.0000

■ 177.0000, 13.3110,
-22.8020

■ 248.7210, 3.0955,
-12.9103

■ 149.8860, 12.8742,
-22.7020

■ 124.1850, 12.7268,
-22.0872

■ 98.7720, 12.4374,
-22.6020

■ 74.6580, 12.0006,
-22.5021

■ 50.9460, 11.8586,
-23.6316

■ 28.2340, 11.7166,

-24.7612

■ 14.1000, 8.3317,
-12.3657

■ 0.4560, 1.7472,
-0.3999

■ 204.7010, 13.4584,
-23.4168

■ 204.7010, 13.4584,
-23.4168

■ 193.1280, 19.1639,
-33.4383

■ 216.2740, 7.7529,
-13.3953

■ 181.5550, 24.8694,
-43.4597

■ 227.8470, 2.0474,
-3.3738

■ 169.6830, 30.7223,
-54.0960

■ 239.7190, -3.8055,
7.2624

■ 157.5230, 36.7172,
-63.6027

■ 247.0950, -7.4418,
6.9327

■ 145.9500, 42.4227,
-73.6241

■ 251.7910, -9.7570,
2.8143

■ 134.3770, 48.1281,
-83.6456

■ 252.3780,
-10.0464, 2.2995

■ 122.8040, 53.8336,
-93.6671

■ 114.4980, 57.9285,
-100.4147

Harmonies

Analogous

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



203.2290, 9.2541, -28.2648



204.7010, 13.4584, -23.4168



207.2940, 14.1521, -12.5358

Triad

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



204.7010, 13.4584, -23.4168



210.5020, -1.2335, 22.3617



205.4160, -11.0511, -2.1188

Complementary

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



204.7010, 13.4584, -23.4168



205.2990, -13.4584, 23.4168

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.



207.5100, -13.5624, 10.0767



204.7010, 13.4584, -23.4168



210.0910, -7.9329, 24.4762

Square

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



204.7010, 13.4584, -23.4168



210.5810, 5.6296, 14.3995



208.8040, -12.7214, 20.3429



204.1200, -5.4822, -15.0142

Rectangle

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



204.7010, 13.4584, -23.4168



208.8930, 12.3778, -3.4142



208.8040, -12.7214, 20.3429



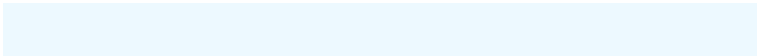
206.3950, -12.5197, 2.2846

Sweetspot

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



204.7010, 13.4584, -23.4168



246.0960, 4.3897, -7.9772



211.8640, -7.3280, -29.6987



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



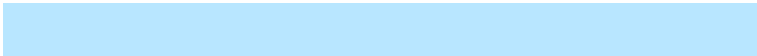
128.0000, 0.0000, 0.0000

Same Dimension

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



204.7010, 13.4584, -23.4168



219.0960, 17.7007, -30.7792



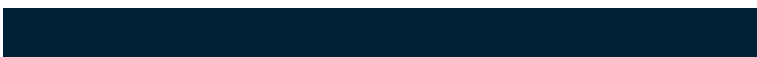
188.8520, 21.2720, -9.5172



109.0640, 2.9264, -5.3181



88.4980, 44.6175, -77.6127



25.1850, 12.7268, -22.0872

Inverse Universe

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



198.1360, 7.3280, 29.6987



210.4730, 9.6268, 39.0502



221.1480, -21.2720, 9.5172



107.5000, 1.7255, 6.5775



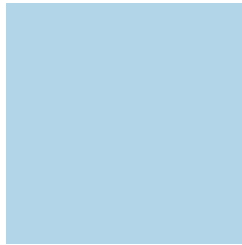
66.7450, 24.2827, 98.4476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 204.7010, 13.4584, -23.4168 looks on a white background.

Color Contrast Check

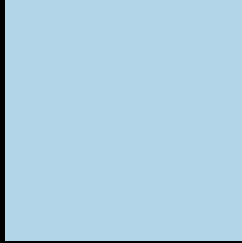
Large Text (above 18pt) WCAG AA × Fail

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 204.7010, 13.4584, -23.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

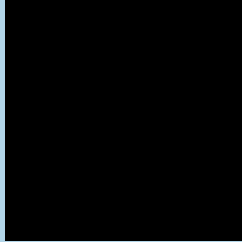
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

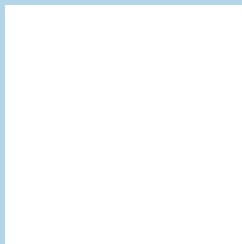
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.7010, 13.4584, -23.4168

Background



This preview shows how black text looks on a background with the YUV color 204.7010, 13.4584, -23.4168.



This preview shows how white text looks on a background with the YUV color 204.7010, 13.4584, -23.4168.

-23.4168.

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

204.7010, 13.4584, -23.4168

Protanopia

208.2090, 9.7570, -2.8143

Deuteranopia

209.5350, 12.0612, 4.7928



Tritanopia

204.4730, 12.5848, -23.2168

Trichromacy



Original Color

204.7010, 13.4584, -23.4168

Protanomaly

207.0940, 10.7997, -10.6064

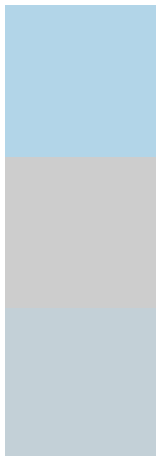
Deuteranomaly

207.8820, 12.3832, -5.1585

Tritanomaly

204.5870, 13.0216, -23.3168

Monochromacy



Original Color

204.7010, 13.4584, -23.4168

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7010, 13.4584, -23.4168 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(178, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(178, 213, 232)  
}
```

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(178, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 213, 232) }
```

Border

The CSS property to change the border of an element to YUV 204.7010, 13.4584, -23.4168 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(178, 213, 232) }
```


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

```
.border{ border-color:rgb(178, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(178, 213,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 204.7010, 13.4584, -23.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 213, 232) }
```

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

```
.background{ background-color: rgb(178,  
213, 232) }
```

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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