

Converting Colors

YUV(204.8780, 18.3011,
-36.7270)

Have a look what the booklet for
YUV(204.8780, 18.3011, -36.7270)
contains.

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Color

**YUV(204.8780, 18.3011,
-36.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DBF2
RGB	163, 219, 242
RGB Percent	64%, 86%, 95%
CMY	0.3608, 0.1412, 0.0510
CMYK	0.33, 0.10, 0.00, 0.05
HSL	197°, 75%, 79%
HSV	197°, 33%, 95%
XYZ	56.4628, 64.8604, 93.5478
YIQ	204.8780, -40.7590, -4.7190

Conversions

Conversions Part 2

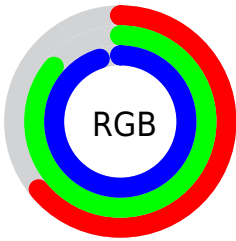
Format	Color
R _Y B	163, 196, 242
Decimal	10738674
CIE Lab	84.41, -12.49, -17.01
CIE LCh	84, 21.102, 233.705
Yxy	64.8604, 0.2628, 0.3019
Android (android.graphics.Color)	4288928754 (0xFFA3DBF2)
YUV	204.8780, 18.3011, -36.7270
Hunter-Lab	80.5359, -15.7937, -12.4941

Details

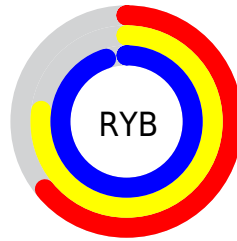
The YUV color **204.8780, 18.3011, -36.7270** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200.1220, -18.3011, 36.7270**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **149.7640, 17.8643, -36.6270** is the 20% darker color. If you saturate the color by 10%, you get **193.5930, 23.8647, -47.8781**, and if you desaturate by 10%, it is **216.1630, 12.7376, -25.5760**.

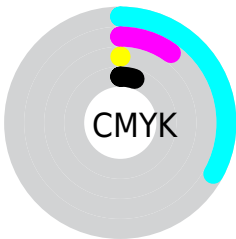
Distribution



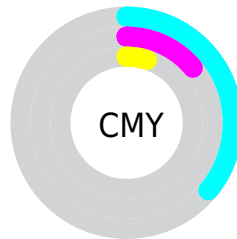
- Red (64%)
- Green (86%)
- Blue (95%)



- Red (64%)
- Yellow (77%)
- Blue (95%)



- Cyan (33%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8780, 18.3011, -36.7270 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 204.8780, 18.3011, -36.7270 by changing the saturation by 10% instead.

■ 204.8780, 18.3011,
-36.7270

■ 204.8780, 18.3011,
-36.7270

255.0000, 0.0000,
0.0000

■ 176.8780, 18.3011,
-36.7270

■ 244.5350, 5.1592,
-21.5172

■ 149.7640, 17.8643,
-36.6270

■ 253.2060, 0.8844,
-3.6887

■ 123.6500, 17.4275,
-36.5271

■ 97.3510, 17.5750,
-37.1418

■ 71.0300, 17.7332,
-41.2453

■ 47.0300, 17.7332,
-41.2453

■ 31.4940, 14.0535,

-27.6202

■ 17.8330, 9.9423,
-15.6395

■ 2.5250, 7.1362,
-2.2144

■ 204.8780, 18.3011,
-36.7270

■ 204.8780, 18.3011,
-36.7270

■ 193.5930, 23.8647,
-47.8781

■ 216.1630, 12.7376,
-25.5760

■ 182.3080, 29.4282,
-59.0291

■ 227.4480, 7.1741,
-14.4249

■ 170.7240, 35.1391,
-70.7949

■ 239.0320, 1.4632,
-2.6591

■ 159.4390, 40.7026,
-81.9460

■ 248.8220, -3.3632,
5.4181

■ 148.1540, 46.2661,
-93.0971

■ 252.9310, -5.3890,
1.8145

■ 136.8690, 51.8296,
-104.2481

■ 253.5180, -5.6784,
1.2997

■ 128.5520, 55.9299,
-112.7401

Harmonies

Analogous

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



203.0210, 11.3286, -40.3604



204.8780, 18.3011, -36.7270



208.8350, 20.2943, -22.6573

Triad

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



204.8780, 18.3011, -36.7270



214.4150, 0.7814, 29.4540



207.9450, -16.7349, 0.9252

Complementary

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



204.8780, 18.3011, -36.7270



200.1220, -18.3011, 36.7270

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.



210.3600, -19.4045, 17.2243



204.8780, 18.3011, -36.7270



213.2170, -8.9810, 34.0127

Square

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



204.8780, 18.3011, -36.7270



214.3300, 9.6973, 16.3736



212.5340, -16.5323, 29.3497



205.4850, -9.1131, -17.0883

Rectangle

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



204.8780, 18.3011, -36.7270



210.8690, 18.7986, -9.5321



212.5340, -16.5323, 29.3497



208.9350, -18.2090, 7.0730

Sweetspot

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



204.8780, 18.3011, -36.7270



243.4160, 5.7109, -11.7658



211.8810, -13.2523, -42.8686



120.2810, 3.8055, -7.2624



0.0000, 0.0000, 0.0000



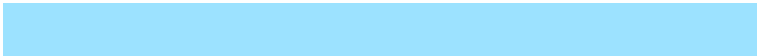
128.0000, 0.0000, 0.0000

Same Dimension

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



204.8780, 18.3011, -36.7270



208.3760, 22.9856, -45.9338



181.9850, 29.5874, -16.6498



114.0640, 2.9264, -5.3181



97.2860, 42.7500, -85.3198



29.8640, 12.8850, -26.1907

Inverse Universe

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



193.0050, 12.8155, 42.9686



193.5810, 15.9826, 53.8645



223.0150, -29.5874, 16.6498



112.5000, 1.7255, 6.5775



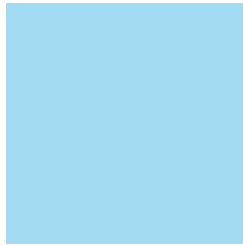
69.8360, 29.6609, 100.1218



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 204.8780, 18.3011, -36.7270 looks on a white background.

Color Contrast Check

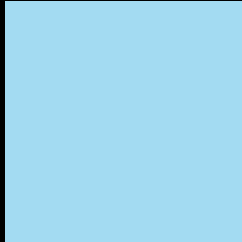
Large Text (above 18pt) WCAG AA × Fail

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 204.8780, 18.3011, -36.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

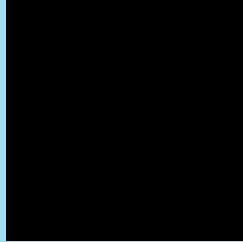
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.8780, 18.3011, -36.7270

Background



This preview shows how black text looks on a background with the YUV color 204.8780, 18.3011, -36.7270.



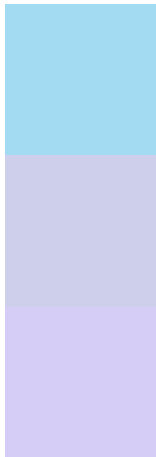
This preview shows how white text looks on a background with the YUV color 204.8780, 18.3011, -36.7270.

-36.7270.

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

204.8780, 18.3011, -36.7270

Protanopia

210.4800, 12.0884, -3.9290

Deuteranopia

211.9520, 16.2927, 0.9191



Tritanopia

204.5960, 15.9752, -37.3567

Trichromacy



Original Color

204.8780, 18.3011, -36.7270

Protanomaly

208.3860, 14.5997, -16.1245

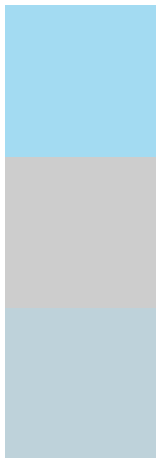
Deuteranomaly

209.3910, 17.0622, -12.6209

Tritanomaly

204.8240, 16.8488, -37.5566

Monochromacy



Original Color

204.8780, 18.3011, -36.7270

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8780, 18.3011, -36.7270 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(163, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(163, 219, 242)  
}
```

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(163, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 219, 242) }
```

Border

The CSS property to change the border of an element to YUV 204.8780, 18.3011, -36.7270 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(163, 219, 242) }
```


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

```
.border{ border-color:rgb(163, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(163, 219,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 204.8780, 18.3011, -36.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 219, 242) }
```

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

```
.background{ background-color: rgb(163,  
219, 242) }
```

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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