

Converting Colors

YUV(202.7470, 20.3377,
-36.6121)

Have a look what the booklet for
YUV(202.7470, 20.3377, -36.6121)
contains.

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Color

**YUV(202.7470, 20.3377,
-36.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D8F4
RGB	161, 216, 244
RGB Percent	63%, 85%, 96%
CMY	0.3686, 0.1529, 0.0431
CMYK	0.34, 0.11, 0.00, 0.04
HSL	200°, 79%, 79%
HSV	200°, 34%, 96%
XYZ	55.5829, 63.2205, 94.8612
YIQ	202.7470, -41.7680, -2.9520

Conversions

Conversions Part 2

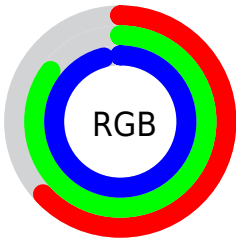
Format	Color
R _Y B	161, 194, 244
Decimal	10606836
CIE Lab	83.56, -11.01, -19.37
CIE LCh	84, 22.275, 240.386
Yxy	63.2205, 0.2601, 0.2959
Android (android.graphics.Color)	4288796916 (0xFFA1D8F4)
YUV	202.7470, 20.3377, -36.6121
Hunter-Lab	79.5113, -14.3630, -15.0782

Details

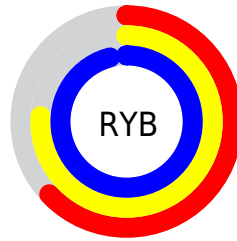
The YUV color **202.7470, 20.3377, -36.6121** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.2530, -20.3377, 36.6121**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, 5.4541, -22.7467**, and **147.6330, 19.9009, -36.5121** is the 20% darker color. If you saturate the color by 10%, you get **190.8750, 26.1906, -47.2484**, and if you desaturate by 10%, it is **214.6190, 14.4848, -25.9759**.

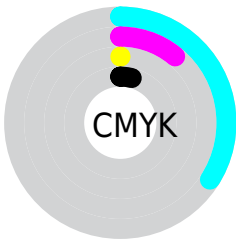
Distribution



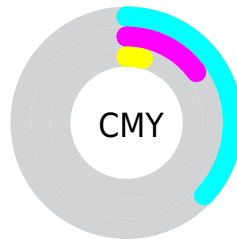
- Red (63%)
- Green (85%)
- Blue (96%)



- Red (63%)
- Yellow (76%)
- Blue (96%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (37%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7470, 20.3377, -36.6121 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 202.7470, 20.3377, -36.6121 by changing the saturation by 10% instead.

■ 202.7470, 20.3377,
-36.6121

■ 202.7470, 20.3377,
-36.6121

255.0000, 0.0000,
0.0000

■ 174.7470, 20.3377,
-36.6121

■ 243.9370, 5.4541,
-22.7467

■ 147.6330, 19.9009,
-36.5121

■ 252.6080, 1.1793,
-4.9182

■ 121.2200, 19.6115,
-37.0269

■ 95.3940, 19.0328,
-38.0565

■ 68.3010, 20.0646,
-42.3600

■ 46.0840, 19.1856,
-40.4157

■ 30.4340, 15.0690,

-26.6906

■ 16.3000, 11.6841,
-14.2951

■ 2.6390, 7.5730,
-2.3144

■ 202.7470, 20.3377,
-36.6121

■ 202.7470, 20.3377,
-36.6121

■ 190.8750, 26.1906,
-47.2484

■ 214.6190, 14.4848,
-25.9759

■ 178.7040, 32.1909,
-58.4994

■ 226.7900, 8.4845,
-14.7248

■ 166.2450, 38.3332,
-68.6209

■ 239.2490, 2.3422,
-4.6034

■ 154.0740, 44.3335,
-79.8719

■ 250.2240, -3.0684,
4.1886

■ 142.2020, 50.1864,
-90.5082

■ 253.7460, -4.8048,
1.0998

■ 130.3300, 56.0393,
-101.1444

■ 122.9100, 59.6974,
-107.7921

Harmonies

Analogous

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



200.3950, 14.1023, -43.3194



202.7470, 20.3377, -36.6121



207.0850, 21.1571, -19.3685

Triad

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



202.7470, 20.3377, -36.6121



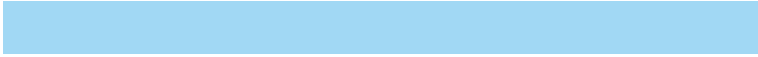
212.4540, -1.7028, 32.9278



204.7380, -16.1398, -3.2782

Complementary

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



202.7470, 20.3377, -36.6121



202.2530, -20.3377, 36.6121

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.



207.5230, -19.9778, 14.4503



202.7470, 20.3377, -36.6121



210.9460, -11.3124, 35.1274

Square

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



202.7470, 20.3377, -36.6121



212.3090, 8.2287, 20.7770



209.4800, -17.9846, 28.5200



202.2070, -7.4971, -22.1065

Rectangle

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



202.7470, 20.3377, -36.6121



209.1900, 18.6403, -5.4286



209.4800, -17.9846, 28.5200



205.6140, -18.0507, 2.9695

Sweetspot

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



202.7470, 20.3377, -36.6121



242.2420, 6.2897, -10.7362



212.9130, -11.7891, -45.5277



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



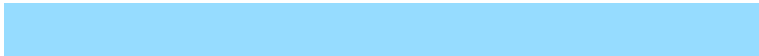
128.0000, 0.0000, 0.0000

Same Dimension

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



202.7470, 20.3377, -36.6121



203.0600, 25.6064, -46.5336



178.6800, 32.2028, -15.5054



116.0640, 2.9264, -5.3181



93.4050, 45.6493, -81.9162



29.6190, 14.4848, -25.9759

Inverse Universe

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



192.0870, 11.7891, 45.5277



189.3750, 15.0981, 57.5531



226.3200, -32.2028, 15.5054



114.5000, 1.7255, 6.5775



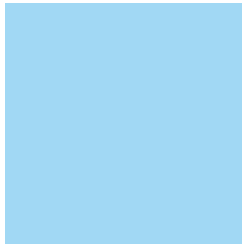
69.6360, 26.3085, 102.0512



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 202.7470, 20.3377, -36.6121 looks on a white background.

Color Contrast Check

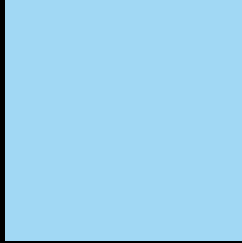
Large Text (above 18pt) WCAG AA × Fail

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 202.7470, 20.3377, -36.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

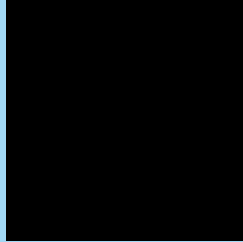
Any Text WCAG AA ✓ Pass

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 202.7470, 20.3377, -36.6121 Background



This preview shows how black text looks on a background with the YUV color 202.7470, 20.3377, -36.6121.



This preview shows how white text looks on a background with the YUV color 202.7470, 20.3377, -36.6121.

-36.6121.

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

202.7470, 20.3377, -36.6121

Protanopia

208.3380, 14.1304, -5.5584

Deuteranopia

209.8100, 18.3347, -0.7104



Tritanopia

202.2970, 16.1226, -37.9715

Trichromacy



Original Color

202.7470, 20.3377, -36.6121

Protanomaly

206.5430, 16.4943, -17.1392

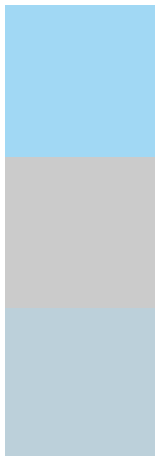
Deuteranomaly

207.5480, 18.9568, -13.6356

Tritanomaly

202.3510, 17.5750, -37.1418

Monochromacy



Original Color

202.7470, 20.3377, -36.6121

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7470, 20.3377, -36.6121 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(161, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(161, 216, 244)  
}
```

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(161, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 216, 244) }
```

Border

The CSS property to change the border of an element to YUV 202.7470, 20.3377, -36.6121 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(161, 216, 244) }
```


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

```
.border{ border-color:rgb(161, 216, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 216, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(161, 216,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 202.7470, 20.3377, -36.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 216, 244) }
```

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

```
.background{ background-color: rgb(161,  
216, 244) }
```

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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