

Converting Colors

YUV(204.6650, 21.3642,
-39.1712)

Have a look what the booklet for
YUV(204.6650, 21.3642, -39.1712)
contains.

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Color

**YUV(204.6650, 21.3642,
-39.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DBF8
RGB	160, 219, 248
RGB Percent	63%, 86%, 97%
CMY	0.3725, 0.1412, 0.0275
CMYK	0.35, 0.12, 0.00, 0.03
HSL	200°, 86%, 80%
HSV	200°, 35%, 97%
XYZ	56.7720, 64.9139, 98.3444
YIQ	204.6650, -44.4730, -3.4890

Conversions

Conversions Part 2

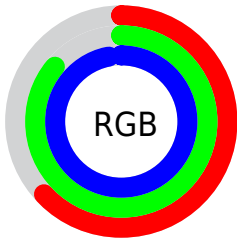
Format	Color
R _{YB}	160, 195, 248
Decimal	10542072
CIE _{Lab}	84.44, -11.84, -20.16
CIE _{LCh}	84, 23.378, 239.560
Y _{xy}	64.9139, 0.2580, 0.2950
Android (android.graphics.Color)	4288732152 (0xFFA0DBF8)
YUV	204.6650, 21.3642, -39.1712
Hunter-Lab	80.5692, -15.2184, -15.9721

Details

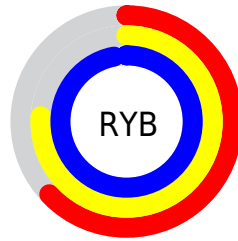
The YUV color $204.6650, 21.3642, -39.1712$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $203.3350, -21.3642, 39.1712$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6380, 5.6015, -23.3615$, and $149.5510, 20.9274, -39.0712$ is the 20% darker color. If you saturate the color by 10%, you get $192.4940, 27.3645, -50.4222$, and if you desaturate by 10%, it is $216.8360, 15.3639, -27.9202$.

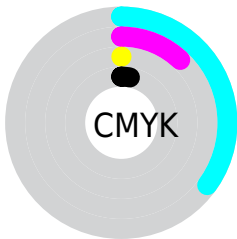
Distribution



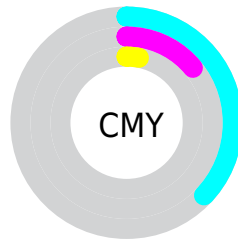
- Red (63%)
- Green (86%)
- Blue (97%)



- Red (63%)
- Yellow (76%)
- Blue (97%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6650, 21.3642, -39.1712 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 204.6650, 21.3642, -39.1712 by changing the saturation by 10% instead.

■ 204.6650, 21.3642,
-39.1712

■ 204.6650, 21.3642,
-39.1712

255.0000, 0.0000,
0.0000

■ 176.5510, 20.9274,
-39.0712

■ 243.6380, 5.6015,
-23.3615

■ 149.5510, 20.9274,
-39.0712

■ 252.3090, 1.3267,
-5.5330

■ 122.7250, 20.3486,
-40.1008

■ 96.1270, 20.6434,
-41.3304

■ 68.7240, 21.8281,
-47.9929

■ 47.6000, 19.9172,
-41.7452

■ 32.0640, 16.2374,

-28.1201

■ 18.2890, 11.6895,
-16.0395

■ 3.0950, 9.3202,
-2.7143

■ 204.6650, 21.3642,
-39.1712

■ 204.6650, 21.3642,
-39.1712

■ 192.4940, 27.3645,
-50.4222

■ 216.8360, 15.3639,
-27.9202

■ 180.3230, 33.3648,
-61.6733

■ 229.0070, 9.3635,
-16.6691

■ 167.8640, 39.5070,
-71.7947

■ 241.4660, 3.2213,
-6.5477

■ 155.6930, 45.5074,
-83.0458

■ 252.4410, -2.1894,
2.2442

■ 143.5220, 51.5077,
-94.2968

■ 254.2020, -3.0576,
0.6998

■ 131.3510, 57.5080,
-105.5478

■ 125.7140, 60.2870,
-110.2512

Harmonies

Analogous

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



202.1990, 14.6919, -45.7785



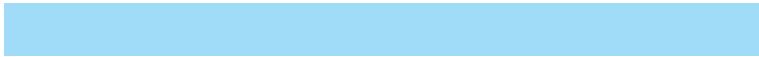
204.6650, 21.3642, -39.1712



209.3020, 22.0361, -21.3129

Triad

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



204.6650, 21.3642, -39.1712



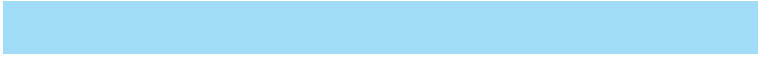
214.5790, -1.2714, 34.5722



207.3960, -17.4502, -2.9783

Complementary

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



204.6650, 21.3642, -39.1712



203.3350, -21.3642, 39.1712

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.



209.8930, -21.1462, 15.8798



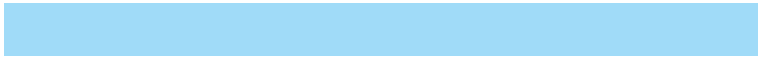
204.6650, 21.3642, -39.1712



213.5440, -11.6072, 36.3569

Square

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



204.6650, 21.3642, -39.1712



214.8360, 8.9549, 21.1918



212.1490, -19.3005, 30.5643



204.6800, -8.2232, -22.5214

Rectangle

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



204.6650, 21.3642, -39.1712



212.1190, 19.6613, -6.2434



212.1490, -19.3005, 30.5643



208.2720, -19.3611, 3.2695

Sweetspot

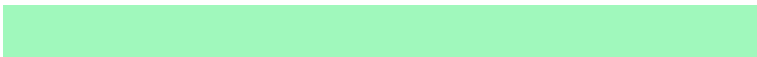
The Sweet Spot groups the original color and five complimentary colors.



204.6650, 21.3642, -39.1712



241.3450, 6.7319, -12.5806



214.8480, -13.2361, -48.1017



119.3950, 4.2423, -7.3624



0.0000, 0.0000, 0.0000



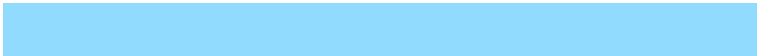
128.0000, 0.0000, 0.0000

Same Dimension

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



204.6650, 21.3642, -39.1712



200.9780, 26.6328, -49.0927



179.4240, 33.8080, -17.0348



118.7650, 3.0739, -5.9329



96.0950, 45.8022, -84.2753



31.0210, 14.7796, -27.2054

Inverse Universe

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



193.0380, 12.7993, 48.2017



186.3260, 16.1083, 60.2271



228.5760, -33.8080, 17.0348



116.9130, 2.0149, 7.0923



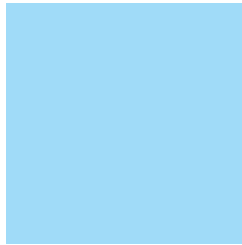
70.9890, 27.6134, 103.4956



22.9130, 8.9169, 33.4023

Previews

White Background



This preview shows how the YUV color 204.6650, 21.3642, -39.1712 looks on a white background.

Color Contrast Check

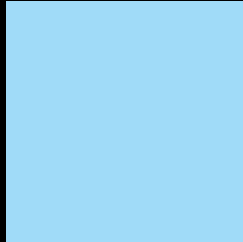
Large Text (above 18pt) WCAG AA × Fail

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 204.6650, 21.3642, -39.1712 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 204.6650, 21.3642, -39.1712

Background



This preview shows how black text looks on a background with the YUV color 204.6650, 21.3642, -39.1712.



This preview shows how white text looks on a background with the YUV color 204.6650, 21.3642, -39.1712.

-39.1712.

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

204.6650, 21.3642, -39.1712

Protanopia

210.5660, 15.0040, -5.7584

Deuteranopia

211.7390, 19.3557, -1.5251



Tritanopia

204.1010, 16.7122, -40.4306

Trichromacy



Original Color

204.6650, 21.3642, -39.1712

Protanomaly

208.4720, 17.5153, -17.9539

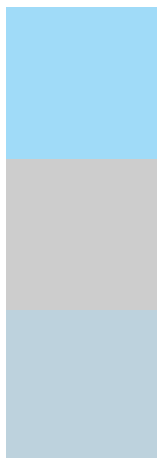
Deuteranomaly

209.1780, 20.1252, -15.0651

Tritanomaly

204.2690, 18.6014, -39.7009

Monochromacy



Original Color

204.6650, 21.3642, -39.1712

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6650, 21.3642, -39.1712 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(160, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 219, 248)  
}
```

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(160, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 219, 248) }
```

Border

The CSS property to change the border of an element to YUV 204.6650, 21.3642, -39.1712 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(160, 219, 248) }
```


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

```
.border{ border-color:rgb(160, 219, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 219, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 219,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 204.6650, 21.3642, -39.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 219, 248) }
```

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

```
.background{ background-color: rgb(160,  
219, 248) }
```

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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