

Converting Colors

YUV(210.2540, 14.6648,
-37.0568)

Have a look what the booklet for
YUV(210.2540, 14.6648, -37.0568)
contains.

YUV(210.2540, 14.6648, -37.0568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(210.2540, 14.6648,
-37.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E2F0
RGB	168, 226, 240
RGB Percent	66%, 89%, 94%
CMY	0.3412, 0.1137, 0.0588
CMYK	0.30, 0.06, 0.00, 0.06
HSL	192°, 71%, 80%
HSV	192°, 30%, 94%
XYZ	59.0730, 69.0088, 92.6446
YIQ	210.2540, -39.0620, -7.9420

Conversions

Conversions Part 2

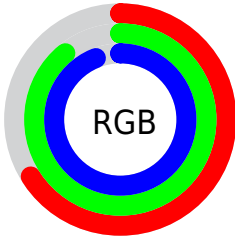
Format	Color
R _Y B	168, 200, 240
Decimal	11068144
CIE Lab	86.51, -15.15, -12.78
CIE LCh	87, 19.819, 220.150
Yxy	69.0088, 0.2676, 0.3126
Android (android.graphics.Color)	4289258224 (0xFFA8E2F0)
YUV	210.2540, 14.6648, -37.0568
Hunter-Lab	83.0715, -18.4421, -7.9724

Details

The YUV color $210.2540, 14.6648, -37.0568$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.7460, -14.6648, 37.0568$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0300, 4.4222, -18.4433$, and $155.1400, 14.2280, -36.9568$ is the 20% darker color. If you saturate the color by 10%, you get $200.1430, 19.6495, -49.2374$, and if you desaturate by 10%, it is $220.3650, 9.6801, -24.8761$.

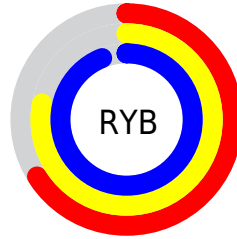
Distribution



Red (66%)

Green (89%)

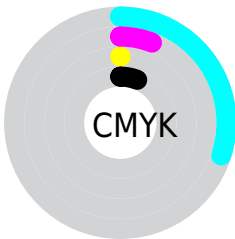
Blue (94%)



Red (66%)

Yellow (78%)

Blue (94%)

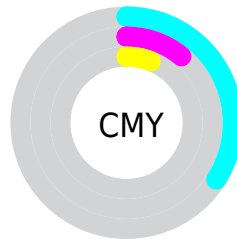


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2540, 14.6648, -37.0568 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 210.2540, 14.6648, -37.0568 by changing the saturation by 10% instead.

■ 210.2540, 14.6648,
-37.0568

■ 210.2540, 14.6648,
-37.0568

255.0000, 0.0000,
0.0000

■ 182.2540, 14.6648,
-37.0568

■ 246.0300, 4.4222,
-18.4433

■ 155.1400, 14.2280,
-36.9568

254.7010, 0.1474,
-0.6148

■ 128.4390, 14.0806,
-36.3420

■ 102.1400, 14.2280,
-36.9568

■ 76.8300, 14.3808,
-39.3159

■ 50.4380, 15.5601,
-44.2341

■ 34.3150, 12.1697,

-30.0943

■ 20.0670, 8.3480,
-17.5988

■ 2.4110, 6.6994,
-2.1144

■ 210.2540, 14.6648,
-37.0568

■ 210.2540, 14.6648,
-37.0568

■ 200.1430, 19.6495,
-49.2374

■ 220.3650, 9.6801,
-24.8761

■ 190.6190, 24.3448,
-61.9329

■ 229.8890, 4.9847,
-12.1807

■ 180.5080, 29.3296,
-74.1135

■ 240.0000, 0.0000,
0.0000

■ 170.3970, 34.3143,
-86.2942

■ 247.4200, -3.6581,
6.6477

■ 160.8730, 39.0096,
-98.9896

■ 249.7680, -4.8156,
4.5885

■ 150.7620, 43.9943,
-111.1703

■ 252.7030, -6.2626,
2.0145

■ 140.6510, 48.9791,
-123.3509

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

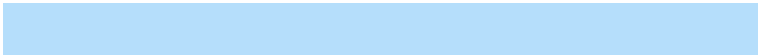
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.6750, 6.0762, -35.6720



210.2540, 14.6648, -37.0568



213.0470, 18.7108, -28.1052

Triad

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



210.2540, 14.6648, -37.0568



220.4080, 4.7289, 23.3212



215.1740, -17.3408, 8.6174

Complementary

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



210.2540, 14.6648, -37.0568



197.7460, -14.6648, 37.0568

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.



217.2620, -17.3842, 22.5722



210.2540, 14.6648, -37.0568



219.4600, -4.1708, 31.1686

Square

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



210.2540, 14.6648, -37.0568



219.3720, 12.6346, 7.5668



218.8700, -12.7539, 30.8090



212.9160, -12.7766, -8.6963

Rectangle

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



210.2540, 14.6648, -37.0568



215.5260, 18.9677, -17.1243



218.8700, -12.7539, 30.8090



215.6800, -18.0832, 13.4356

Sweetspot

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



210.2540, 14.6648, -37.0568



245.7750, 4.5479, -12.0807



211.7460, -15.1578, -38.3652



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



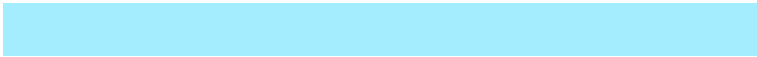
128.0000, 0.0000, 0.0000

Same Dimension

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



210.2540, 14.6648, -37.0568



216.9260, 18.7705, -47.2931



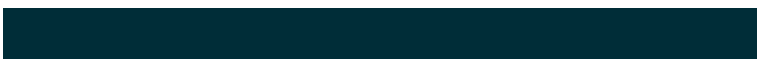
189.7090, 24.7935, -19.0388



115.2380, 2.3477, -6.3477



107.8520, 37.5410, -94.5862



32.7990, 11.4381, -28.7647

Inverse Universe

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



196.1400, 14.7210, 38.4652



198.9440, 18.7616, 49.1611



218.2910, -24.7935, 19.0388



112.7280, 2.5991, 6.3775



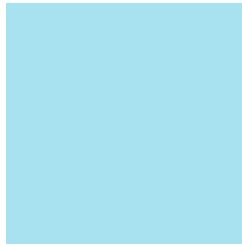
71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 210.2540, 14.6648, -37.0568 looks on a white background.

Color Contrast Check

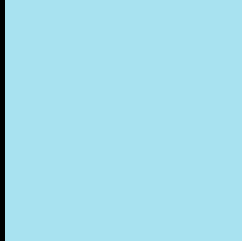
Large Text (above 18pt) WCAG AA × Fail

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 210.2540, 14.6648, -37.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

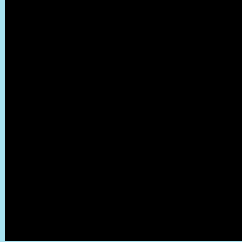
Any Text WCAG AA ✓ Pass

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 210.2540, 14.6648, -37.0568 Background



This preview shows how black text looks on a background with the YUV color 210.2540, 14.6648, -37.0568.



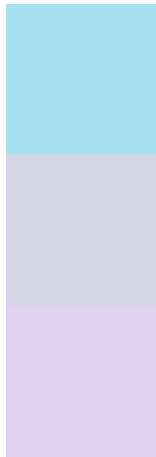
This preview shows how white text looks on a background with the YUV color 210.2540, 14.6648, -37.0568.

-37.0568.

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

210.2540, 14.6648, -37.0568

Protanopia

216.4650, 8.1518, -1.2848

Deuteranopia

217.9480, 12.3506, 5.3076



Tritanopia

210.4220, 16.5540, -36.3271

Trichromacy



Original Color

210.2540, 14.6648, -37.0568

Protanomaly

214.0720, 10.8105, -14.0951

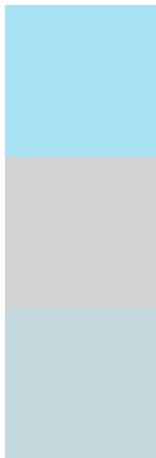
Deuteranomaly

215.3760, 13.1256, -9.9768

Tritanomaly

210.3080, 16.1172, -36.2271

Monochromacy



Original Color

210.2540, 14.6648, -37.0568

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2910, 5.2795, -13.4102

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2540, 14.6648, -37.0568 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(168, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 226, 240)  
}
```

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(168, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 226, 240) }
```

Border

The CSS property to change the border of an element to YUV 210.2540, 14.6648, -37.0568 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(168, 226, 240) }
```


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

```
.border{ border-color:rgb(168, 226, 240) }
```

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

Here you see how a box with a 4 pixel rgb(168, 226, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 226,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 210.2540, 14.6648, -37.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 226, 240) }
```

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

```
.background{ background-color: rgb(168,  
226, 240) }
```

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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