

Converting Colors

YUV(228.1610, 12.2456,
-54.5152)

Have a look what the booklet for
YUV(228.1610, 12.2456, -54.5152)
contains.

YUV(228.1610, 12.2456, -54.5152)	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(228.1610, 12.2456,
-54.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	A6FFFD
RGB	166, 255, 253
RGB Percent	65%, 100%, 99%
CMY	0.3490, 0.0000, 0.0078
CMYK	0.35, 0.00, 0.01, 0.00
HSL	179°, 100%, 83%
HSV	179°, 35%, 100%
XYZ	69.2155, 86.7188, 106.0189
YIQ	228.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

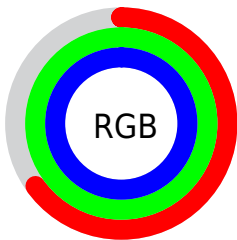
Format	Color
R _Y B	166, 211, 255
Decimal	10944509
CIE Lab	94.62, -26.97, -7.51
CIE LCh	95, 27.991, 195.560
Yxy	86.7188, 0.2642, 0.3310
Android (android.graphics.Color)	4289134589 (0xFFA6FFFD)
YUV	228.1610, 12.2456, -54.5152
Hunter-Lab	93.1230, -30.2914, -2.3146

Details

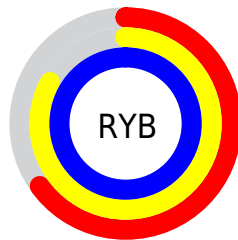
The YUV color **228.1610, 12.2456, -54.5152** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **192.8390, -12.2456, 54.5152**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **171.1610, 12.2456, -54.5152** is the 20% darker color. If you saturate the color by 10%, you get **220.5720, 15.4940, -69.7846**, and if you desaturate by 10%, it is **236.0490, 8.8498, -38.6310**.

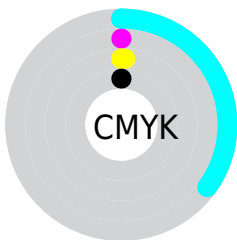
Distribution



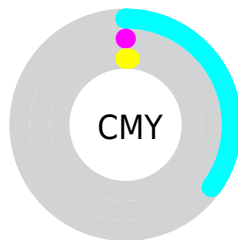
- Red (65%)
- Green (100%)
- Blue (99%)



- Red (65%)
- Yellow (83%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1610, 12.2456, -54.5152 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 228.1610, 12.2456, -54.5152 by changing the saturation by 10% instead.

228.1610, 12.2456,
-54.5152

228.1610, 12.2456,
-54.5152

255.0000, 0.0000,
0.0000

199.4600, 12.0982,
-53.9004

245.7310, 4.5696,
-19.0581

171.1610, 12.2456,
-54.5152

254.7010, 0.1474,
-0.6148

143.8620, 12.3930,
-55.1300

116.0790, 13.2721,
-57.0743

84.6970, 15.9254,
-68.1403

65.1930, 13.7089,
-57.1743

48.3690, 10.1711,

-42.4196

■ 32.3600, 7.2175,
-28.3797

■ 18.2260, 3.8326,
-15.9842

■ 228.1610, 12.2456,
-54.5152

■ 228.1610, 12.2456,
-54.5152

■ 220.5720, 15.4940,
-69.7846

■ 236.0490, 8.8498,
-38.6310

■ 212.7980, 19.3266,
-85.7688

■ 243.5240, 5.1647,
-23.2615

■ 205.2090, 22.5750,
-101.0383

■ 251.4120, 1.7689,
-7.3773

■ 197.4350, 26.4075,
-117.0225

■ 255.0000, 0.0000,
0.0000

■ 189.5470, 29.8033,
-132.9067

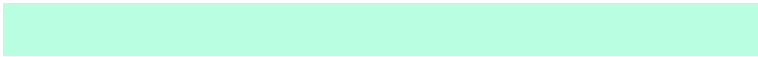
■ 182.0720, 33.4885,
-148.2761

■ 178.0710, 34.9680,
-156.1683

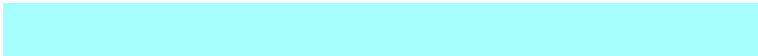
Harmonies

Analogous

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



230.0630, -2.4961, -39.5203



228.1610, 12.2456, -54.5152



226.9270, 13.8400, -52.5560

Triad

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



228.1610, 12.2456, -54.5152



239.1510, 7.8136, 13.8996



234.4480, -22.8989, 18.0241

Complementary

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



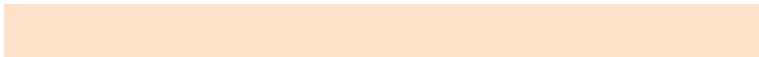
228.1610, 12.2456, -54.5152



192.8390, -12.2456, 54.5152

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.



231.3480, -14.4686, 20.7428



228.1610, 12.2456, -54.5152



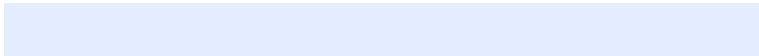
235.5150, 9.1131, 17.0883

Square

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



228.1610, 12.2456, -54.5152



236.0620, 9.3364, -7.9474



231.7360, -2.8278, 20.4025



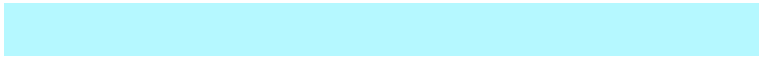
236.6270, -24.4661, 7.3431

Rectangle

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



228.1610, 12.2456, -54.5152



228.7650, 12.9339, -41.8899



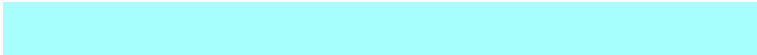
231.7360, -2.8278, 20.4025



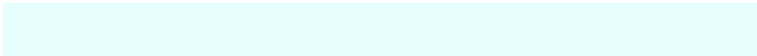
233.0290, -20.7203, 19.2686

Sweetspot

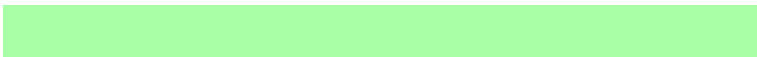
The Sweet Spot groups the original color and five complimentary colors.



228.1610, 12.2456, -54.5152



247.4110, 3.2484, -15.2694



219.1400, -26.1980, -43.9728



123.1020, 1.9217, -9.7365



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.



228.1610, 12.2456, -54.5152



222.7790, 14.8990, -65.5812



203.7350, 25.2736, -33.0936



123.9990, 1.4795, -7.8921



133.4350, 26.4075, -117.0225



44.6360, 8.5605, -39.1458

Inverse Universe

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



192.8390, -12.2456, 54.5152



180.2210, -14.8990, 65.5812



217.2650, -25.2736, 33.0936



118.8870, -1.9163, 7.9921



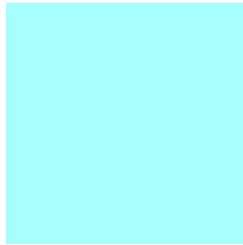
57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 228.1610, 12.2456, -54.5152 looks on a white background.

Color Contrast Check

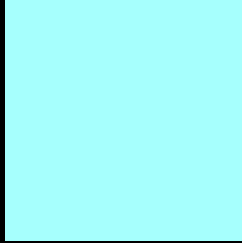
Large Text (above 18pt) WCAG AA × Fail

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 228.1610, 12.2456, -54.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

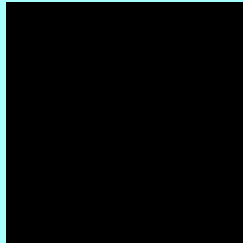
Any Text WCAG AA ✓ Pass

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 228.1610, 12.2456, -54.5152 Background



This preview shows how black text looks on a background with the YUV color 228.1610, 12.2456, -54.5152.



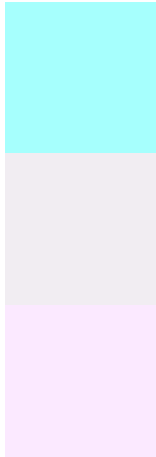
This preview shows how white text looks on a background with the YUV color 228.1610, 12.2456, -54.5152.

-54.5152.

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

228.1610, 12.2456, -54.5152

Protanopia

238.7660, 1.5944, 1.9592

Deuteranopia

240.8900, 6.9562, 8.8665



Tritanopia

235.6750, 9.5272, -22.5170

Trichromacy



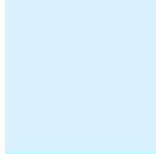
Original Color

228.1610, 12.2456, -54.5152



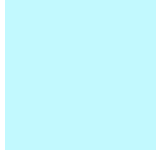
Protanomaly

235.2580, 5.2958, -18.6433



Deuteranomaly

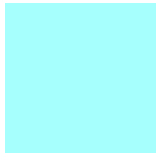
236.2030, 8.7739, -14.2100



Tritanomaly

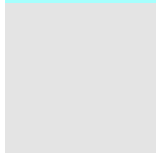
233.1250, 10.2914, -34.3126

Monochromacy



Original Color

228.1610, 12.2456, -54.5152



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.0190, 4.4276, -20.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1610, 12.2456, -54.5152 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(166, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 253)  
}
```

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(166, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 253) }
```

Border

The CSS property to change the border of an element to YUV 228.1610, 12.2456, -54.5152 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(166, 255, 253) }
```


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

```
.border{ border-color:rgb(166, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(166, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 228.1610, 12.2456, -54.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 253) }
```

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

```
.background{ background-color: rgb(166,  
255, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor