

Converting Colors

YUV(225.5860, 14.5011,
-31.2089)

Have a look what the booklet for
YUV(225.5860, 14.5011, -31.2089)
contains.

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Color

**YUV(225.5860, 14.5011,
-31.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	BEEEFF
RGB	190, 238, 255
RGB Percent	75%, 93%, 100%
CMY	0.2549, 0.0667, 0.0000
CMYK	0.25, 0.07, 0.00, 0.00
HSL	196°, 100%, 87%
HSV	196°, 25%, 100%
XYZ	69.8597, 79.3162, 106.2353
YIQ	225.5860, -34.0650, -4.8890

Conversions

Conversions Part 2

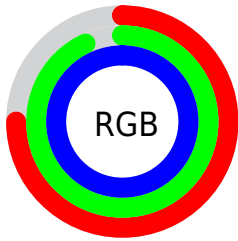
Format	Color
R_{YB}	190, 218, 255
Decimal	12513023
CIE _{Lab}	91.38, -11.60, -13.23
CIE _{LCh}	91, 17.598, 228.759
Yxy	79.3162, 0.2735, 0.3105
Android (android.graphics.Color)	4290703103 (0xFFBEEEFF)
YUV	225.5860, 14.5011, -31.2089
Hunter-Lab	89.0597, -15.8363, -8.3826

Details

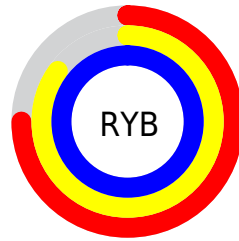
The YUV color $225.5860, 14.5011, -31.2089$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.4140, -14.5011, 31.2089$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $169.7710, 13.9169, -30.4942$ is the 20% darker color. If you saturate the color by 10%, you get $214.0020, 20.2120, -42.9748$, and if you desaturate by 10%, it is $237.4690, 8.6428, -18.8283$.

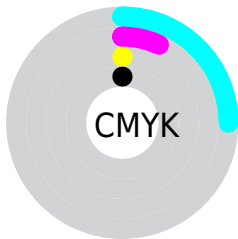
Distribution



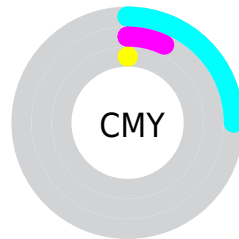
- Red (75%)
- Green (93%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- Blue (100%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.5860, 14.5011, -31.2089 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 225.5860, 14.5011, -31.2089 by changing the saturation by 10% instead.

■ 225.5860, 14.5011,
-31.2089

■ 225.5860, 14.5011,
-31.2089

255.0000, 0.0000,
0.0000

■ 197.4720, 14.0643,
-31.1089

■ 252.6080, 1.1793,
-4.9182

■ 169.7710, 13.9169,
-30.4942

■ 143.0700, 13.7695,
-29.8794

■ 116.9560, 13.3327,
-29.7794

■ 91.6570, 13.4801,
-30.3942

■ 66.6460, 13.4855,
-32.1385

■ 41.4390, 14.0806,

-36.3420

■ 26.0170, 10.8376,
-22.8169

■ 9.5350, 8.6102,
-8.3622

■ 225.5860, 14.5011,
-31.2089

■ 225.5860, 14.5011,
-31.2089

■ 214.0020, 20.2120,
-42.9748

■ 237.4690, 8.6428,
-18.8283

■ 202.7060, 25.7809,
-55.8702

■ 248.4660, 3.2213,
-6.5477

■ 191.1220, 31.4919,
-67.6360

■ 255.0000, 0.0000,
0.0000

■ 179.2390, 37.3502,
-80.0166

■ 168.2420, 42.7717,
-92.2972

■ 156.3590, 48.6300,
-104.6778

■ 144.7750, 54.3409,
-116.4437

■ 139.4260, 56.9780,
-122.2766

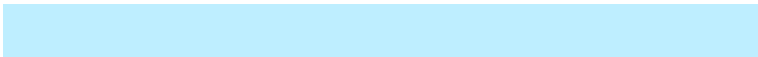
Harmonies

Analogous

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



224.1530, 7.8126, -32.5832



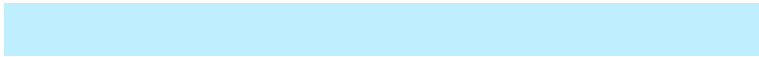
225.5860, 14.5011, -31.2089



227.7230, 13.4476, -19.9281

Triad

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



225.5860, 14.5011, -31.2089



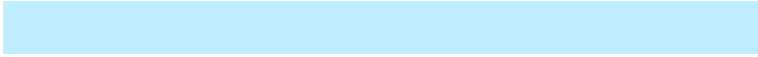
231.8160, 2.5557, 20.3324



228.1240, -14.8511, 3.3993

Complementary

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



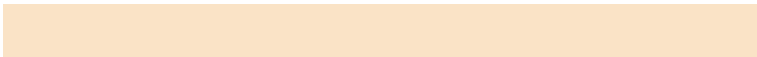
225.5860, 14.5011, -31.2089



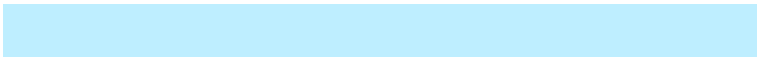
219.4140, -14.5011, 31.2089

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.



230.5710, -16.0575, 17.0392



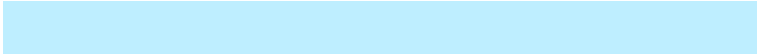
225.5860, 14.5011, -31.2089



229.8780, -4.8699, 22.0320

Square

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



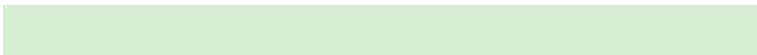
225.5860, 14.5011, -31.2089



233.2970, 9.7136, 11.1405



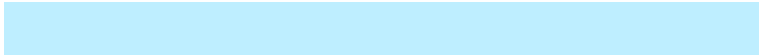
230.0430, -11.8532, 21.8873



226.5180, -9.1294, -11.8553

Rectangle

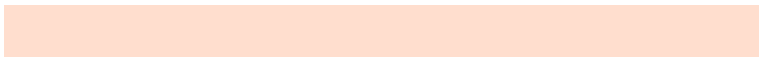
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.5860, 14.5011, -31.2089



229.2620, 12.6888, -9.8768



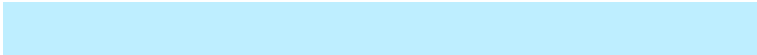
230.0430, -11.8532, 21.8873



229.5160, -16.0304, 8.3175

Sweetspot

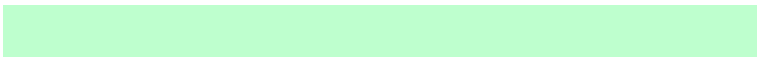
The Sweet Spot groups the original color and five complimentary colors.



225.5860, 14.5011, -31.2089



246.0850, 4.3951, -9.7215



229.9790, -11.8216, -35.0616



121.7650, 3.0739, -5.9329



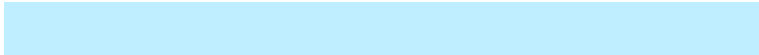
0.0000, 0.0000, 0.0000



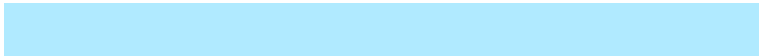
128.0000, 0.0000, 0.0000

Same Dimension

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



225.5860, 14.5011, -31.2089



219.0520, 17.7224, -37.7566



206.8020, 23.7616, -14.7354



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

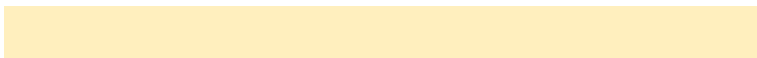
The Inverse Universe completely reimagines the original color for something new.



214.9070, 11.3848, 35.1616



206.2330, 13.6891, 42.7687



238.1980, -23.7616, 14.7354



119.9130, 2.0149, 7.0923



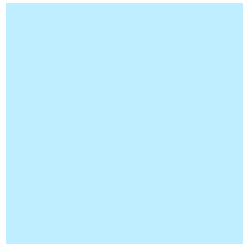
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 225.5860, 14.5011, -31.2089 looks on a white background.

Color Contrast Check

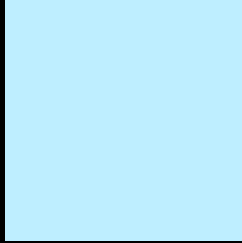
Large Text (above 18pt) WCAG AA × Fail

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 225.5860, 14.5011, -31.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

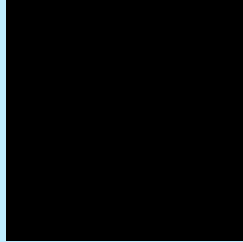
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.5860, 14.5011, -31.2089

Background



This preview shows how black text looks on a background with the YUV color 225.5860, 14.5011, -31.2089.



This preview shows how white text looks on a background with the YUV color 225.5860, 14.5011, -31.2089.

-31.2089.

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

225.5860, 14.5011, -31.2089

Protanopia

230.3940, 9.1728, -2.0995

Deuteranopia

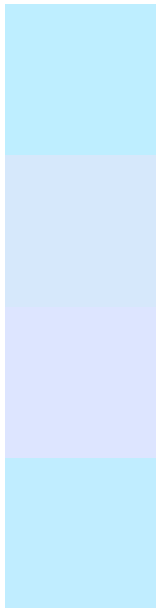
231.7200, 11.4770, 5.5076



Tritanopia

225.8960, 14.3483, -28.8498

Trichromacy



Original Color

225.5860, 14.5011, -31.2089

Protanomaly

228.7840, 10.9525, -12.9656

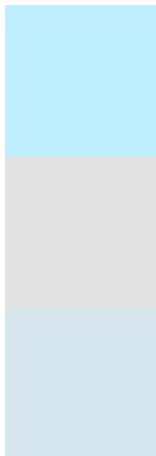
Deuteranomaly

229.5720, 12.5360, -7.5176

Tritanomaly

225.5970, 14.4957, -29.4646

Monochromacy



Original Color

225.5860, 14.5011, -31.2089

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.7150, 5.5635, -11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.5860, 14.5011, -31.2089 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(190, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 238, 255)  
}
```

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(190, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 225.5860, 14.5011, -31.2089 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(190, 238, 255) }
```


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

```
.border{ border-color:rgb(190, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 225.5860, 14.5011, -31.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 238, 255) }
```

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

```
.background{ background-color: rgb(190,  
238, 255) }
```

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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