

Converting Colors

YUV(217.3690, 13.6221,
-29.2646)

Have a look what the booklet for
YUV(217.3690, 13.6221, -29.2646)
contains.

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Color

**YUV(217.3690, 13.6221,
-29.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E5F5
RGB	184, 229, 245
RGB Percent	72%, 90%, 96%
CMY	0.2784, 0.1020, 0.0392
CMYK	0.25, 0.07, 0.00, 0.04
HSL	196°, 75%, 84%
HSV	196°, 25%, 96%
XYZ	64.2679, 72.8215, 97.0549
YIQ	217.3690, -31.9560, -4.5640

Conversions

Conversions Part 2

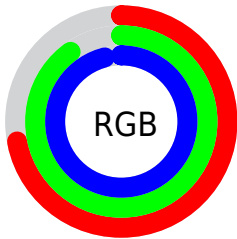
Format	Color
RYB	184, 210, 245
Decimal	12117493
CIELab	88.36, -10.98, -12.54
CIELCh	88, 16.672, 228.795
Yxy	72.8215, 0.2745, 0.3110
Android (android.graphics.Color)	4290307573 (0xFFB8E5F5)
YUV	217.3690, 13.6221, -29.2646
Hunter-Lab	85.3355, -14.9053, -7.6976

Details

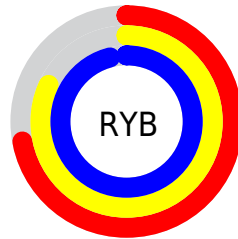
The YUV color $217.3690, 13.6221, -29.2646$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $211.6310, -13.6221, 29.2646$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, 2.0637, -8.6069$, and $162.5540, 13.0379, -28.5499$ is the 20% darker color. If you saturate the color by 10%, you get $206.6710, 18.8962, -40.9305$, and if you desaturate by 10%, it is $228.3660, 8.2006, -16.9840$.

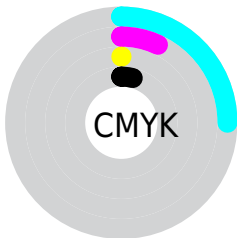
Distribution



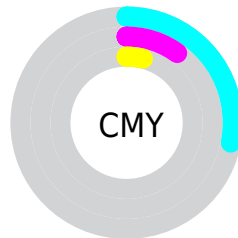
- Red (72%)
- Green (90%)
- Blue (96%)



- Red (72%)
- Yellow (82%)
- Blue (96%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.3690, 13.6221, -29.2646 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 217.3690, 13.6221, -29.2646 by changing the saturation by 10% instead.

■ 217.3690, 13.6221,
-29.2646

■ 217.3690, 13.6221,
-29.2646

255.0000, 0.0000,
0.0000

■ 189.3690, 13.6221,
-29.2646

■ 250.8140, 2.0637,
-8.6069

■ 162.5540, 13.0379,
-28.5499

■ 135.5540, 13.0379,
-28.5499

■ 109.7390, 12.4537,
-27.8351

■ 84.4400, 12.6011,
-28.4499

■ 60.4290, 12.6065,
-30.1942

■ 36.5320, 13.0487,

-32.0386

■ 21.6970, 9.5164,
-19.0283

■ 2.8670, 8.4466,
-2.5144

■ 217.3690, 13.6221,
-29.2646

■ 217.3690, 13.6221,
-29.2646

■ 206.6710, 18.8962,
-40.9305

■ 228.3660, 8.2006,
-16.9840

■ 195.0870, 24.6071,
-52.6963

■ 239.6510, 2.6371,
-5.8329

■ 184.0900, 30.0286,
-64.9769

■ 249.7510, -2.3422,
4.6034

■ 172.8050, 35.5921,
-76.1280

■ 253.8600, -4.3680,
0.9998

■ 161.8080, 41.0137,
-88.4086

■ 150.5230, 46.5772,
-99.5597

■ 139.5260, 51.9987,
-111.8403

■ 134.1770, 54.6357,
-117.6732

Harmonies

Analogous

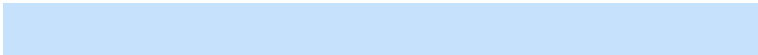
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.0500, 7.3704, -30.7388



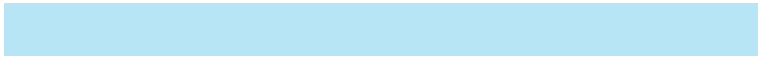
217.3690, 13.6221, -29.2646



220.0050, 15.7735, -19.2984

Triad

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



217.3690, 13.6221, -29.2646



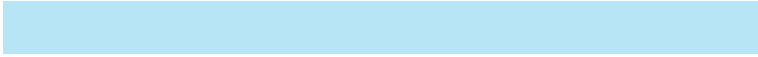
224.5990, 1.6767, 22.2767



220.3520, -13.9775, 3.1993

Complementary

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



217.3690, 13.6221, -29.2646



211.6310, -13.6221, 29.2646

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.



222.0870, -15.3259, 15.7097



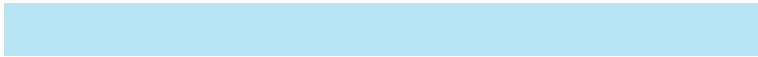
217.3690, 13.6221, -29.2646



224.2700, -6.0491, 26.9502

Square

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



217.3690, 13.6221, -29.2646



224.7700, 8.9874, 10.7257



223.5380, -12.5902, 24.9612



217.9310, -8.8400, -11.3405

Rectangle

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



217.3690, 13.6221, -29.2646



221.3590, 15.5990, -9.9618



223.5380, -12.5902, 24.9612



220.7440, -15.1568, 8.1175

Sweetspot

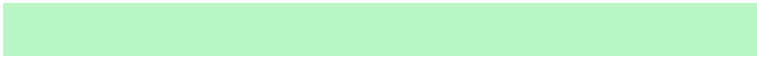
The Sweet Spot groups the original color and five complimentary colors.



217.3690, 13.6221, -29.2646



246.6830, 4.1003, -8.4920



221.5170, -11.1009, -32.9024



122.9500, 2.4896, -5.2182



0.0000, 0.0000, 0.0000



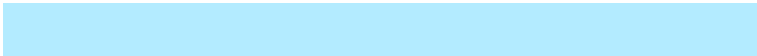
128.0000, 0.0000, 0.0000

Same Dimension

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



217.3690, 13.6221, -29.2646



220.5360, 16.9908, -36.4271



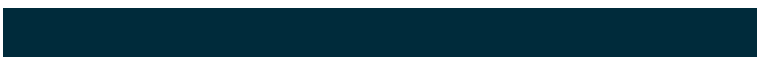
199.7590, 22.3038, -13.8206



116.6510, 2.6371, -5.8329



101.6230, 41.5979, -89.1234



31.9670, 13.3273, -28.0351

Inverse Universe

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



207.3690, 10.6641, 33.0024



208.1080, 13.2578, 41.1243



229.2410, -22.3038, 13.8206



114.6140, 2.1623, 6.4775



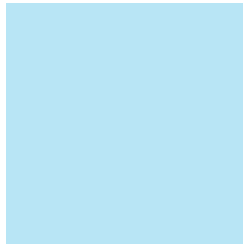
71.2320, 32.4236, 100.6515



22.5430, 10.0853, 31.9728

Previews

White Background



This preview shows how the YUV color 217.3690, 13.6221, -29.2646 looks on a white background.

Color Contrast Check

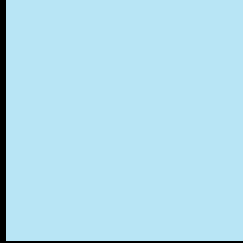
Large Text (above 18pt) WCAG AA × Fail

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 217.3690, 13.6221, -29.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

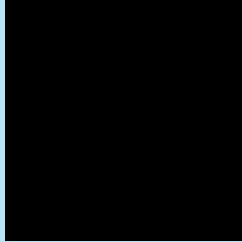
Any Text WCAG AA ✓ Pass

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 217.3690, 13.6221, -29.2646 Background



This preview shows how black text looks on a background with the YUV color 217.3690, 13.6221, -29.2646.



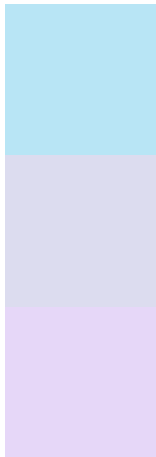
This preview shows how white text looks on a background with the YUV color 217.3690, 13.6221, -29.2646.

-29.2646.

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

217.3690, 13.6221, -29.2646

Protanopia

222.1660, 8.2992, -1.8996

Deuteranopia

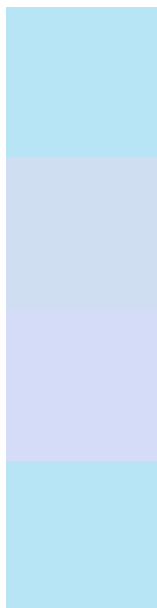
223.2470, 12.2032, 5.9224



Tritanopia

217.5970, 14.4957, -29.4646

Trichromacy



Original Color

217.3690, 13.6221, -29.2646

Protanomaly

220.2680, 10.2209, -11.6360

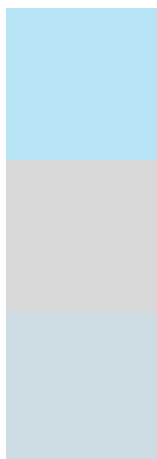
Deuteranomaly

220.9850, 12.8254, -7.0028

Tritanomaly

217.4830, 14.0589, -29.3646

Monochromacy



Original Color

217.3690, 13.6221, -29.2646

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.3690, 13.6221, -29.2646 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(184, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 245)  
}
```

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(184, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 245) }
```

Border

The CSS property to change the border of an element to YUV 217.3690, 13.6221, -29.2646 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(184, 229, 245) }
```


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

```
.border{ border-color:rgb(184, 229, 245) }
```

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

Here you see how a box with a 4 pixel rgb(184, 229, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 217.3690, 13.6221, -29.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 245) }
```

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

```
.background{ background-color: rgb(184,  
229, 245) }
```

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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