

Converting Colors

YUV(221.1630, 12.7376,
-25.5760)

Have a look what the booklet for
YUV(221.1630, 12.7376, -25.5760)
contains.

YUV(221.1630, 12.7376, -25.5760)	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(221.1630, 12.7376,
-25.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E7F7
RGB	192, 231, 247
RGB Percent	75%, 91%, 97%
CMY	0.2471, 0.0941, 0.0314
CMYK	0.22, 0.06, 0.00, 0.03
HSL	197°, 77%, 86%
HSV	197°, 22%, 97%
XYZ	67.1026, 75.0737, 98.9497
YIQ	221.1630, -28.3800, -3.2920

Conversions

Conversions Part 2

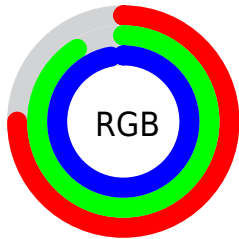
Format	Color
RYB	192, 215, 247
Decimal	12642295
CIELab	89.43, -9.21, -11.95
CIELCh	89, 15.091, 232.372
Yxy	75.0737, 0.2783, 0.3113
Android (android.graphics.Color)	4290832375 (0xFFC0E7F7)
YUV	221.1630, 12.7376, -25.5760
Hunter-Lab	86.6451, -13.3888, -7.0583

Details

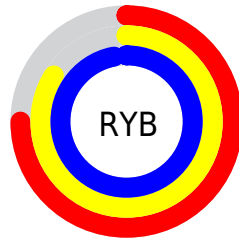
The YUV color $221.1630, 12.7376, -25.5760$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.8370, -12.7376, 25.5760$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, 0.8844, -3.6887$, and $165.7610, 12.4428, -24.3464$ is the 20% darker color. If you saturate the color by 10%, you get $209.5790, 18.4486, -37.3418$, and if you desaturate by 10%, it is $232.7470, 7.0267, -13.8101$.

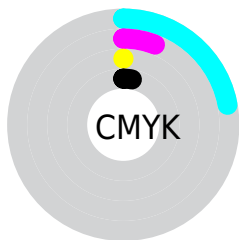
Distribution



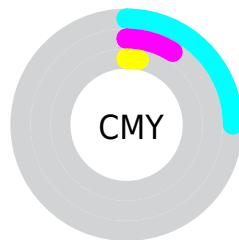
- Red (75%)
- Green (91%)
- Blue (97%)



- Red (75%)
- Yellow (84%)
- Blue (97%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1630, 12.7376, -25.5760 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 221.1630, 12.7376, -25.5760 by changing the saturation by 10% instead.

■ 221.1630, 12.7376,
-25.5760

■ 221.1630, 12.7376,
-25.5760

255.0000, 0.0000,
0.0000

■ 193.0490, 12.3008,
-25.4760

■ 253.2060, 0.8844,
-3.6887

■ 165.7610, 12.4428,
-24.3464

■ 139.3480, 12.1534,
-24.8612

■ 113.5330, 11.5692,
-24.1464

■ 88.5330, 11.5692,
-24.1464

■ 64.1200, 11.2798,
-24.6612

■ 40.2120, 11.7275,

-28.2499

■ 22.3980, 9.6638,
-19.6430

■ 3.0950, 9.3202,
-2.7143

■ 221.1630, 12.7376,
-25.5760

■ 221.1630, 12.7376,
-25.5760

■ 209.5790, 18.4486,
-37.3418

■ 232.7470, 7.0267,
-13.8101

■ 198.2940, 24.0121,
-48.4928

■ 244.0320, 1.4632,
-2.6591

■ 186.1230, 30.0124,
-59.7439

■ 252.9140, -2.9156,
1.8294

■ 174.5390, 35.7233,
-71.5097

■ 254.0880, -3.4944,
0.7998

■ 162.9550, 41.4342,
-83.2755

■ 151.6700, 46.9977,
-94.4266

■ 140.0860, 52.7086,
-106.1924

■ 130.8830, 57.2457,
-114.7844

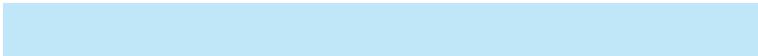
Harmonies

Analogous

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



219.7730, 7.5069, -27.8649



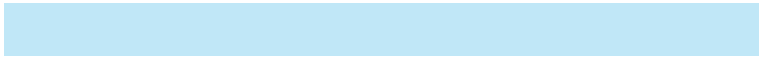
221.1630, 12.7376, -25.5760



223.3860, 14.5997, -16.1245

Triad

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



221.1630, 12.7376, -25.5760



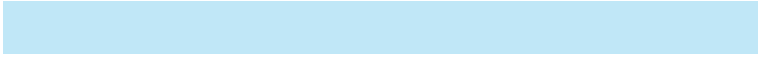
227.6590, 0.6611, 21.3471



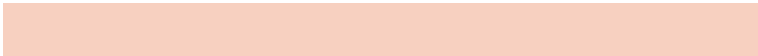
223.0960, -12.3723, 1.6698

Complementary

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



221.1630, 12.7376, -25.5760



217.8370, -12.7376, 25.5760

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.



224.4180, -14.0101, 13.6654



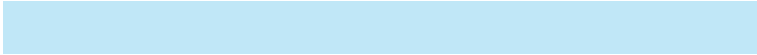
221.1630, 12.7376, -25.5760



226.8460, -6.3331, 24.6911

Square

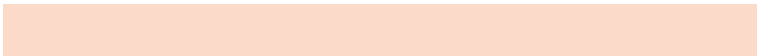
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.1630, 12.7376, -25.5760



227.3140, 7.2402, 11.1256



226.3420, -12.0006, 22.5021



221.3870, -7.0928, -11.7404

Rectangle

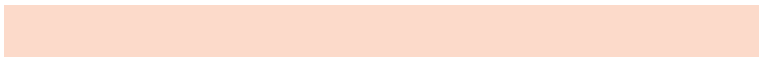
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



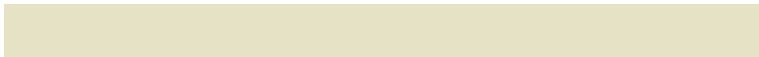
221.1630, 12.7376, -25.5760



225.2130, 13.6990, -7.2028



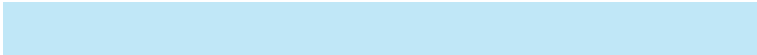
226.3420, -12.0006, 22.5021



223.8900, -13.2568, 5.3585

Sweetspot

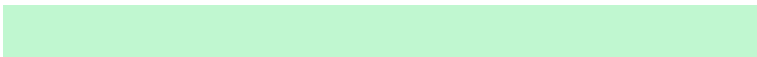
The Sweet Spot groups the original color and five complimentary colors.



221.1630, 12.7376, -25.5760



246.6830, 4.1003, -8.4920



226.1090, -8.9277, -29.9136



122.9500, 2.4896, -5.2182



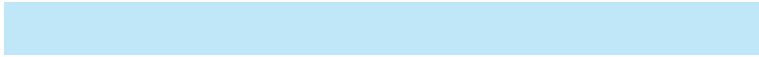
0.0000, 0.0000, 0.0000



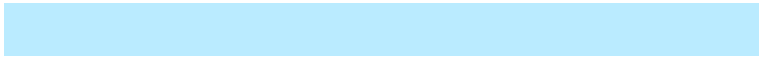
128.0000, 0.0000, 0.0000

Same Dimension

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



221.1630, 12.7376, -25.5760



222.6290, 15.9589, -32.1236



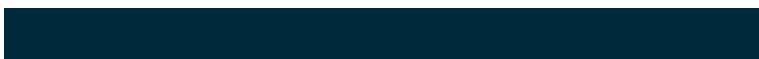
205.3140, 20.5512, -11.6764



116.6510, 2.6371, -5.8329



98.6880, 43.0448, -86.5494



31.3800, 13.6167, -27.5203

Inverse Universe

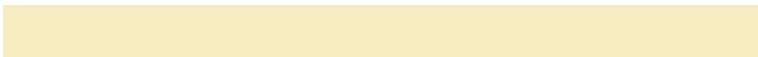
The Inverse Universe completely reimagines the original color for something new.



212.8910, 8.9277, 29.9136



212.2170, 11.2320, 37.5207



233.6860, -20.5512, 11.6764



114.6140, 2.1623, 6.4775



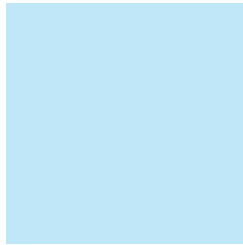
70.6620, 30.2396, 101.1514



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 221.1630, 12.7376, -25.5760 looks on a white background.

Color Contrast Check

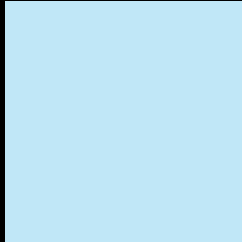
Large Text (above 18pt) WCAG AA × Fail

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 221.1630, 12.7376, -25.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

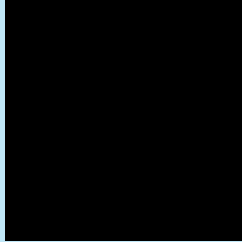
Any Text WCAG AA ✓ Pass

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 221.1630, 12.7376, -25.5760 Background



This preview shows how black text looks on a background with the YUV color 221.1630, 12.7376, -25.5760.



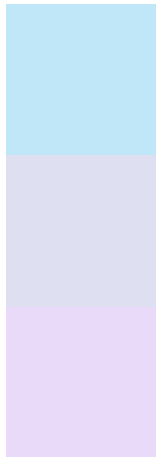
This preview shows how white text looks on a background with the YUV color 221.1630, 12.7376, -25.5760.

-25.5760.

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

221.1630, 12.7376, -25.5760

Protanopia

225.1660, 8.2992, -1.8996

Deuteranopia

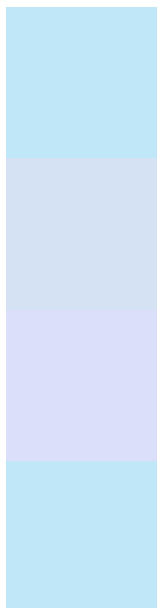
226.4320, 11.6190, 6.6371



Tritanopia

221.3910, 13.6112, -25.7759

Trichromacy



Original Color

221.1630, 12.7376, -25.5760

Protanomaly

223.8660, 9.9261, -10.4065

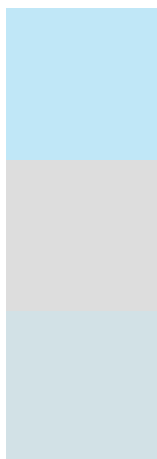
Deuteranomaly

224.7680, 11.9464, -5.0585

Tritanomaly

221.2770, 13.1744, -25.6759

Monochromacy



Original Color

221.1630, 12.7376, -25.5760

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1630, 12.7376, -25.5760 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(192, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(192, 231, 247)  
}
```

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(192, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 231, 247) }
```

Border

The CSS property to change the border of an element to YUV 221.1630, 12.7376, -25.5760 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(192, 231, 247) }
```


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

```
.border{ border-color:rgb(192, 231, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 231, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(192, 231,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 221.1630, 12.7376, -25.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 231, 247) }
```

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

```
.background{ background-color: rgb(192,  
231, 247) }
```

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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