

Converting Colors

YUV(227.1360, 10.2860,
-32.5683)

Have a look what the booklet for
YUV(227.1360, 10.2860, -32.5683)
contains.

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Color

**YUV(227.1360, 10.2860,
-32.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF2F8
RGB	190, 242, 248
RGB Percent	75%, 95%, 97%
CMY	0.2549, 0.0510, 0.0275
CMYK	0.23, 0.02, 0.00, 0.03
HSL	186°, 81%, 86%
HSV	186°, 23%, 97%
XYZ	69.9306, 81.2287, 100.7999
YIQ	227.1360, -32.9180, -9.1580

Conversions

Conversions Part 2

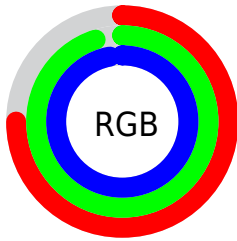
Format	Color
R _Y B	190, 217, 248
Decimal	12514040
CIE Lab	92.23, -15.14, -8.31
CIE LCh	92, 17.272, 208.774
Yxy	81.2287, 0.2775, 0.3224
Android (android.graphics.Color)	4290704120 (0xFFBEF2F8)
YUV	227.1360, 10.2860, -32.5683
Hunter-Lab	90.1270, -19.2219, -3.2223

Details

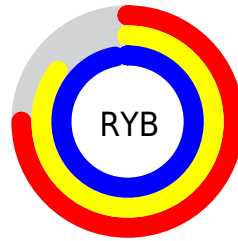
The YUV color $227.1360, 10.2860, -32.5683$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $210.8640, -10.2860, 32.5683$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $171.4350, 10.1385, -31.9535$ is the 20% darker color. If you saturate the color by 10%, you get $217.9000, 14.8393, -46.3933$, and if you desaturate by 10%, it is $236.3720, 5.7326, -18.7432$.

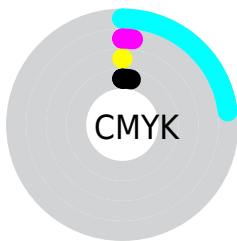
Distribution



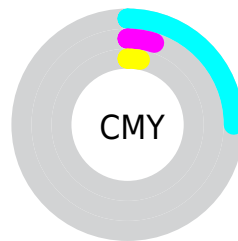
- Red (75%)
- Green (95%)
- Blue (97%)



- Red (75%)
- Yellow (85%)
- Blue (97%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1360, 10.2860, -32.5683 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 227.1360, 10.2860, -32.5683 by changing the saturation by 10% instead.

■ 227.1360, 10.2860,
-32.5683

■ 227.1360, 10.2860,
-32.5683

255.0000, 0.0000,
0.0000

■ 199.0220, 9.8492,
-32.4683

■ 252.6080, 1.1793,
-4.9182

■ 171.4350, 10.1385,
-31.9535

■ 144.7340, 9.9911,
-31.3387

■ 118.6200, 9.5543,
-31.2387

■ 93.0330, 9.8437,
-30.7239

■ 68.0220, 9.8492,
-32.4683

■ 42.6300, 11.0284,

-37.3865

■ 27.2080, 7.7855,
-23.8614

■ 12.0140, 5.4161,
-10.5363

■ 227.1360, 10.2860,
-32.5683

■ 227.1360, 10.2860,
-32.5683

■ 217.9000, 14.8393,
-46.3933

■ 236.3720, 5.7326,
-18.7432

■ 209.2510, 19.1033,
-60.7331

■ 245.0210, 1.4686,
-4.4034

■ 200.3140, 23.5092,
-73.9434

■ 251.2670, -1.6106,
3.2738

■ 191.6650, 27.7732,
-88.2832

■ 252.4410, -2.1894,
2.2442

■ 182.4290, 32.3265,
-102.1082

■ 254.2020, -3.0576,
0.6998

■ 173.7800, 36.5905,
-116.4481

■ 164.5440, 41.1438,
-130.2731

■ 158.5860, 44.0811,
-139.0799

Harmonies

Analogous

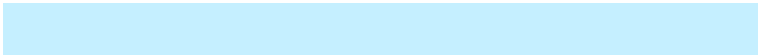
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2800, 1.8340, -28.3096



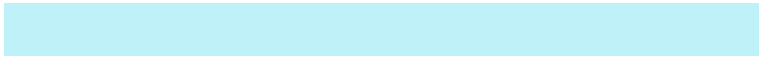
227.1360, 10.2860, -32.5683



228.2660, 13.1799, -27.4203

Triad

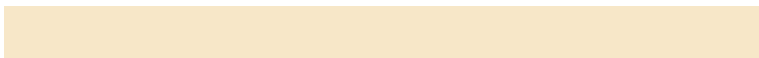
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.1360, 10.2860, -32.5683



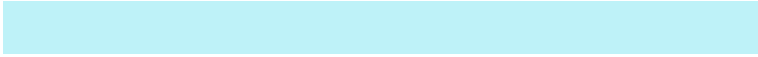
235.9340, 6.9345, 15.8439



232.2500, -15.8993, 12.9358

Complementary

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



227.1360, 10.2860, -32.5683



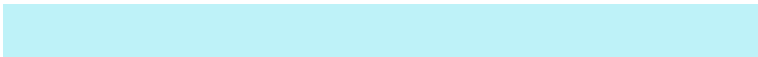
210.8640, -10.2860, 32.5683

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.



232.2770, -13.4476, 19.9281



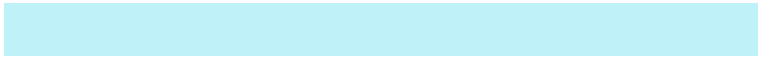
227.1360, 10.2860, -32.5683



232.6480, 0.6665, 19.6027

Square

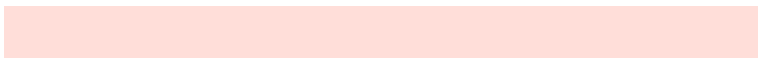
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.1360, 10.2860, -32.5683



233.7580, 10.4723, 1.0892



231.2970, -7.0484, 20.7875



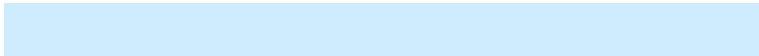
230.7320, -13.6719, -1.5190

Rectangle

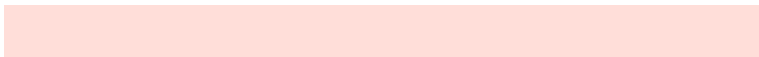
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



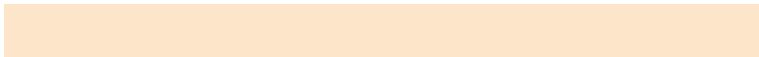
227.1360, 10.2860, -32.5683



229.4950, 12.5740, -19.7281



231.2970, -7.0484, 20.7875



232.6850, -15.6207, 16.9393

Sweetspot

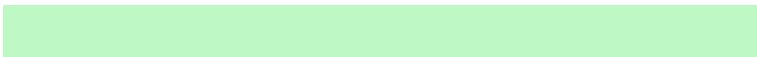
The Sweet Spot groups the original color and five complimentary colors.



227.1360, 10.2860, -32.5683



248.4440, 3.2321, -10.0364



224.7300, -14.1639, -30.4582



123.5370, 2.2003, -5.7329



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.



227.1360, 10.2860, -32.5683



229.6620, 12.4916, -40.0456



210.1130, 18.6783, -17.6391



120.5260, 2.2057, -7.4773



120.7490, 33.6477, -105.8969



39.2390, 10.7282, -34.4126

Inverse Universe

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



213.2700, 14.1639, 30.4582



212.5250, 17.4892, 37.2506



227.8870, -18.6783, 17.6391



117.2550, 3.3253, 6.7924



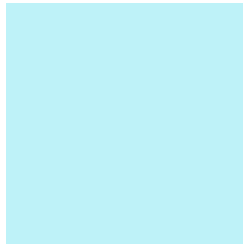
75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 227.1360, 10.2860, -32.5683 looks on a white background.

Color Contrast Check

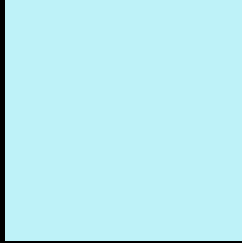
Large Text (above 18pt) WCAG AA × Fail

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 227.1360, 10.2860, -32.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

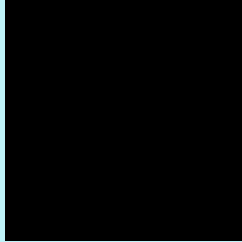
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.1360, 10.2860, -32.5683

Background



This preview shows how black text looks on a background with the YUV color 227.1360, 10.2860, -32.5683.



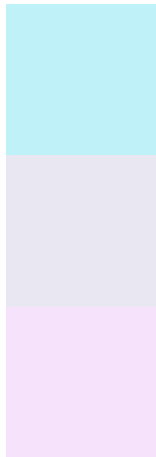
This preview shows how white text looks on a background with the YUV color 227.1360, 10.2860, -32.5683.

-32.5683.

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

227.1360, 10.2860, -32.5683

Protanopia

232.7380, 4.0732, 0.2298

Deuteranopia

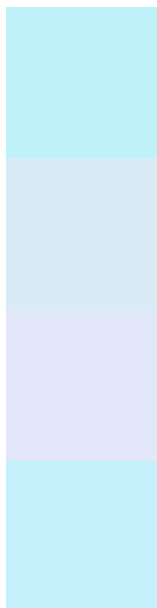
234.8300, 7.9718, 9.7961



Tritanopia

229.1630, 12.7376, -25.5760

Trichromacy



Original Color

227.1360, 10.2860, -32.5683

Protanomaly

230.6440, 6.5845, -11.9658

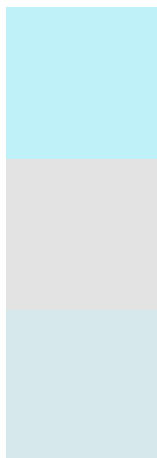
Deuteranomaly

232.2580, 8.7468, -5.4883

Tritanomaly

228.2120, 11.7275, -28.2499

Monochromacy



Original Color

227.1360, 10.2860, -32.5683

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.9600, 3.9637, -11.3659

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1360, 10.2860, -32.5683 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, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(190, 242, 248)  
}
```

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, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 242, 248) }
```

Border

The CSS property to change the border of an element to YUV 227.1360, 10.2860, -32.5683 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, 242, 248) }
```


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

```
.border{ border-color:rgb(190, 242, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 242, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(190, 242,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 227.1360, 10.2860, -32.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 242, 248) }
```

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

```
.background{ background-color: rgb(190,  
242, 248) }
```

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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