

Converting Colors

YUV(227.0220, 9.8492,
-32.4683)

Have a look what the booklet for
YUV(227.0220, 9.8492, -32.4683)
contains.

YUV(227.0220, 9.8492, -32.4683)	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(227.0220, 9.8492,
-32.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF2F7
RGB	190, 242, 247
RGB Percent	75%, 95%, 97%
CMY	0.2549, 0.0510, 0.0314
CMYK	0.23, 0.02, 0.00, 0.03
HSL	185°, 78%, 86%
HSV	185°, 23%, 97%
XYZ	69.7758, 81.1668, 99.9849
YIQ	227.0220, -32.5970, -9.4690

Conversions

Conversions Part 2

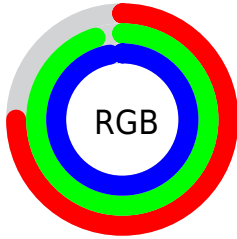
Format	Color
RYB	190, 217, 247
Decimal	12514039
CIELab	92.21, -15.35, -7.83
CIElCh	92, 17.237, 207.034
Yxy	81.1668, 0.2781, 0.3235
Android (android.graphics.Color)	4290704119 (0xFFBEF2F7)
YUV	227.0220, 9.8492, -32.4683
Hunter-Lab	90.0926, -19.4156, -2.7353

Details

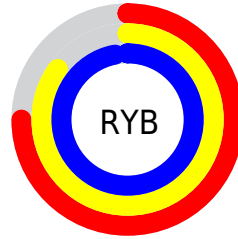
The YUV color $227.0220, 9.8492, -32.4683$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.9780, -9.8492, 32.4683$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $171.3210, 9.7017, -31.8535$ is the 20% darker color. If you saturate the color by 10%, you get $218.3730, 14.1131, -46.8081$, and if you desaturate by 10%, it is $235.6710, 5.5852, -18.1285$.

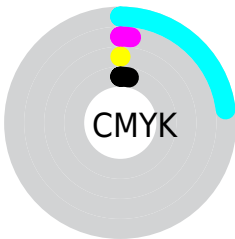
Distribution



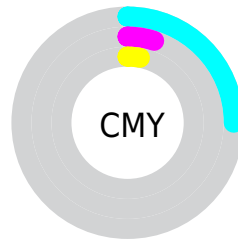
- Red (75%)
- Green (95%)
- Blue (97%)



- 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 227.0220, 9.8492, -32.4683 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 227.0220, 9.8492, -32.4683 by changing the saturation by 10% instead.

■ 227.0220, 9.8492,
-32.4683

■ 227.0220, 9.8492,
-32.4683

255.0000, 0.0000,
0.0000

■ 199.0220, 9.8492,
-32.4683

■ 252.6080, 1.1793,
-4.9182

■ 171.3210, 9.7017,
-31.8535

■ 144.6200, 9.5543,
-31.2387

■ 118.5060, 9.1175,
-31.1388

■ 92.9190, 9.4069,
-30.6240

■ 68.3210, 9.7017,
-31.8535

■ 42.5160, 10.5916,

-37.2865

■ 27.0940, 7.3487,
-23.7614

■ 11.3130, 5.2687,
-9.9215

■ 227.0220, 9.8492,
-32.4683

■ 227.0220, 9.8492,
-32.4683

■ 218.3730, 14.1131,
-46.8081

■ 235.6710, 5.5852,
-18.1285

■ 210.0230, 18.2297,
-60.5332

■ 244.0210, 1.4686,
-4.4034

■ 201.3740, 22.4936,
-74.8730

■ 250.5660, -1.7580,
3.8886

■ 192.1380, 27.0470,
-88.6980

■ 251.7400, -2.3368,
2.8590

■ 183.4890, 31.3109,
-103.0379

■ 252.9140, -2.9156,
1.8294

■ 175.1390, 35.4275,
-116.7629

■ 254.0880, -3.4944,
0.7998

■ 166.4900, 39.6914,
-131.1027

■ 160.2330, 42.7761,
-140.5243

Harmonies

Analogous

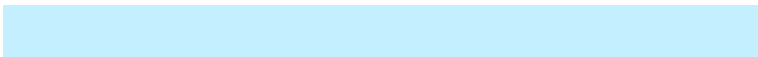
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.8780, 1.5391, -27.0800



227.0220, 9.8492, -32.4683



227.9670, 13.3273, -28.0351

Triad

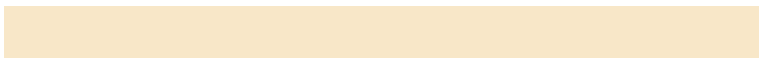
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.0220, 9.8492, -32.4683



235.7490, 7.5187, 15.1291



232.5490, -16.0467, 13.5505

Complementary

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



227.0220, 9.8492, -32.4683



209.9780, -9.8492, 32.4683

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



227.0220, 9.8492, -32.4683



232.7620, 1.1033, 19.5027

Square

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



227.0220, 9.8492, -32.4683



233.4590, 10.6197, 0.4745



231.4110, -6.6116, 20.6876



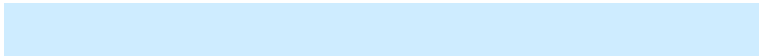
230.4440, -13.5299, -0.3894

Rectangle

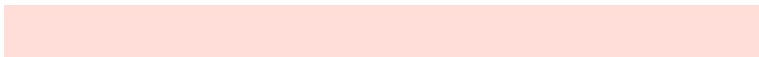
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



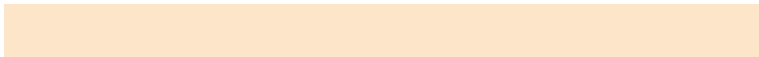
227.0220, 9.8492, -32.4683



229.1960, 12.7214, -20.3429



231.4110, -6.6116, 20.6876



232.9840, -15.7681, 17.5540

Sweetspot

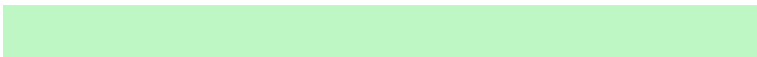
The Sweet Spot groups the original color and five complimentary colors.



227.0220, 9.8492, -32.4683



248.4440, 3.2321, -10.0364



224.0290, -14.3113, -29.8434



124.1240, 1.9109, -6.2477



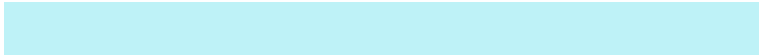
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



227.0220, 9.8492, -32.4683



230.2490, 12.2022, -40.5604



210.5860, 17.9521, -18.0539



117.8250, 2.0583, -6.8625



120.9940, 32.0480, -106.1117



38.4240, 10.1440, -33.6978

Inverse Universe

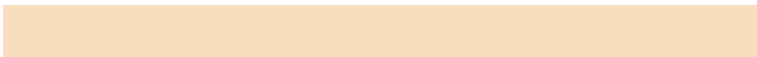
The Inverse Universe completely reimagines the original color for something new.



212.9710, 14.3113, 29.8434



212.6390, 17.9260, 37.1506



226.4140, -17.9521, 18.0539



114.8420, 3.0359, 6.2776



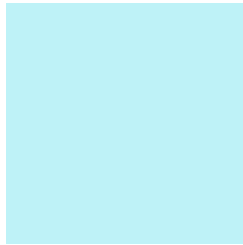
74.9940, 46.8380, 97.3523



23.7970, 14.8901, 30.8730

Previews

White Background



This preview shows how the YUV color 227.0220, 9.8492, -32.4683 looks on a white background.

Color Contrast Check

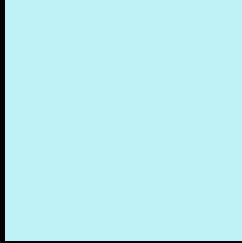
Large Text (above 18pt) WCAG AA × Fail

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 227.0220, 9.8492, -32.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

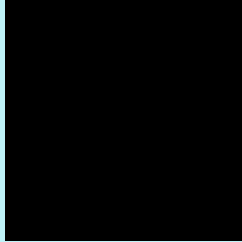
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.0220, 9.8492, -32.4683

Background



This preview shows how black text looks on a background with the YUV color 227.0220, 9.8492, -32.4683.



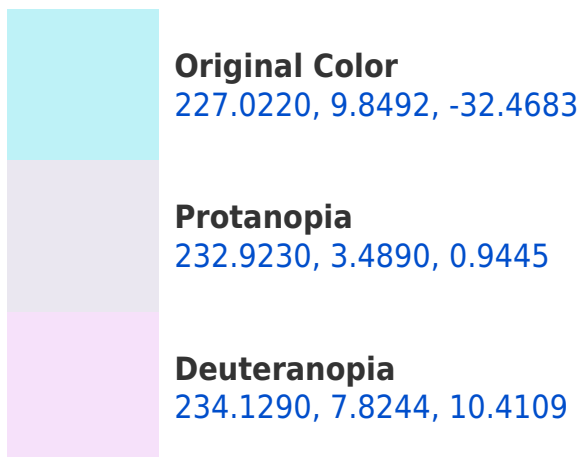
This preview shows how white text looks on a background with the YUV color 227.0220, 9.8492, -32.4683.

-32.4683.

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

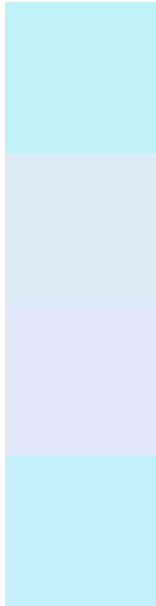




Tritanopia

229.1630, 12.7376, -25.5760

Trichromacy



Original Color

227.0220, 9.8492, -32.4683

Protanomaly

230.8290, 6.0003, -11.2510

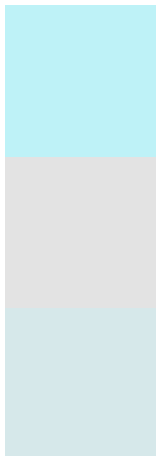
Deuteranomaly

231.5570, 8.5994, -4.8735

Tritanomaly

228.2120, 11.7275, -28.2499

Monochromacy



Original Color

227.0220, 9.8492, -32.4683

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.0220, 9.8492, -32.4683 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(190, 242, 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(190, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 242, 247) }
```

Border

The CSS property to change the border of an element to YUV 227.0220, 9.8492, -32.4683 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, 247) }
```


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

```
.border{ border-color:rgb(190, 242, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(190, 242,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 227.0220, 9.8492, -32.4683 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, 247) }
```

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

```
.background{ background-color: rgb(190,  
242, 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](#).

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