

Converting Colors

YUV(228.6550, 6.5791,
-10.2214)

Have a look what the booklet for
YUV(228.6550, 6.5791, -10.2214)
contains.

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Color

**YUV(228.6550, 6.5791,
-10.2214)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9E8F2 |
| RGB | 217, 232, 242 |
| RGB Percent | 85%, 91%, 95% |
| CMY | 0.1490, 0.0902, 0.0510 |
| CMYK | 0.10, 0.04, 0.00, 0.05 |
| HSL | 204°, 49%, 90% |
| HSV | 204°, 10%, 95% |
| XYZ | 73.4989, 78.8757, 95.3551 |
| YIQ | 228.6550, -12.1500, -0.0700 |

Conversions

Conversions Part 2

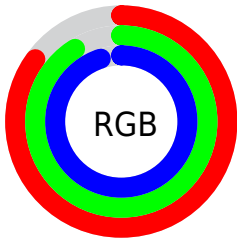
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 226, 242 |
| Decimal | 14280946 |
| CIE Lab | 91.18, -3.04, -6.56 |
| CIE LCh | 91, 7.229, 245.134 |
| Yxy | 78.8757, 0.2967, 0.3184 |
| Android (android.graphics.Color) | 4292471026 (0xFFD9E8F2) |
| YUV | 228.6550, 6.5791, -10.2214 |
| Hunter-Lab | 88.8120, -7.6983, -1.4897 |

Details

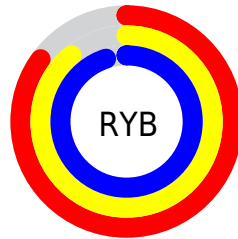
The YUV color $228.6550, 6.5791, -10.2214$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.3450, -6.5791, 10.2214$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9540, 6.4317, -9.6067$ is the 20% darker color. If you saturate the color by 10%, you get $215.6090, 13.0108, -19.8281$, and if you desaturate by 10%, it is $241.7010, 0.1474, -0.6148$.

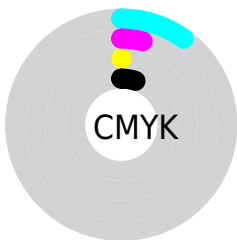
Distribution



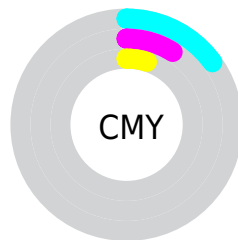
- Red (85%)
- Green (91%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.6550, 6.5791, -10.2214 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 228.6550, 6.5791, -10.2214 by changing the saturation by 10% instead.

■ 228.6550, 6.5791,
-10.2214

■ 228.6550, 6.5791,
-10.2214

255.0000, 0.0000,
0.0000

■ 200.6550, 6.5791,
-10.2214

■ 172.9540, 6.4317,
-9.6067

■ 146.8400, 5.9949,
-9.5067

■ 120.8400, 5.9949,
-9.5067

■ 96.1390, 5.8475,
-8.8919

■ 72.0250, 5.4107,
-8.7919

■ 49.9110, 4.9739,

-8.6919

■ 28.3240, 5.2633,
-8.1771

■ 6.1610, 5.8366,
-5.4032

■ 228.6550, 6.5791,
-10.2214

■ 228.6550, 6.5791,
-10.2214

■ 215.6090, 13.0108,
-19.8281

■ 241.7010, 0.1474,
-0.6148

■ 203.1500, 19.1531,
-29.9495

■ 251.1700, -4.5208,
3.3589

■ 189.8050, 25.7321,
-40.1710

■ 253.5180, -5.6784,
1.2997

■ 176.7590, 32.1638,
-49.7776

■ 164.3000, 38.3061,
-59.8991

■ 151.2540, 44.7378,
-69.5058

■ 138.2080, 51.1695,
-79.1124

■ 125.4500, 57.4592,
-89.8486

■ 112.7030, 63.7434,
-98.8405

Harmonies

Analogous

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



227.4760, 4.6953, -12.6955



228.6550, 6.5791, -10.2214



229.6880, 6.5628, -4.9884

Triad

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



228.6550, 6.5791, -10.2214



231.1370, -1.0535, 11.2809



228.6100, -5.2307, -2.2890

Complementary

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



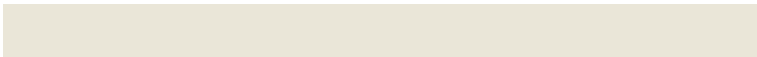
228.6550, 6.5791, -10.2214



230.3450, -6.5791, 10.2214

Split Complementary

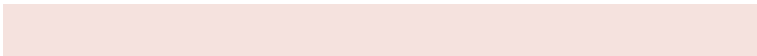
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.6000, -6.7048, 3.8588



228.6550, 6.5791, -10.2214



231.2250, -4.5479, 12.0807

Square

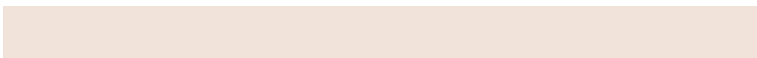
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



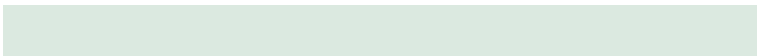
228.6550, 6.5791, -10.2214



231.3260, 2.3043, 7.6071



230.0460, -6.4317, 9.6067



227.7880, -1.8675, -7.7071

Rectangle

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



228.6550, 6.5791, -10.2214



230.1940, 5.8204, -0.1701



230.0460, -6.4317, 9.6067



228.8060, -5.8204, 0.1701

Sweetspot

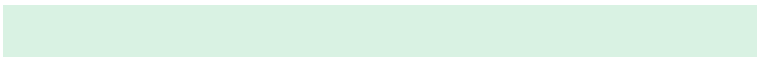
The Sweet Spot groups the original color and five complimentary colors.



228.6550, 6.5791, -10.2214



250.8470, 2.0474, -3.3738



232.8150, -2.8668, -13.8698



124.4450, 1.7526, -2.1443



0.0000, 0.0000, 0.0000



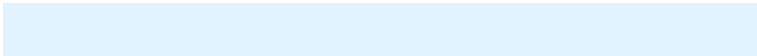
128.0000, 0.0000, 0.0000

Same Dimension

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



228.6550, 6.5791, -10.2214



238.6870, 8.0423, -12.8805



221.0240, 10.3412, -3.5290



113.4770, 3.2158, -4.8033



85.5460, 48.5378, -75.0238



26.3420, 14.6214, -23.1019

Inverse Universe

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



226.1850, 2.8668, 13.8698



235.4350, 3.7295, 17.1585



237.3890, -10.0518, 4.0438



112.3860, 1.2887, 6.6775



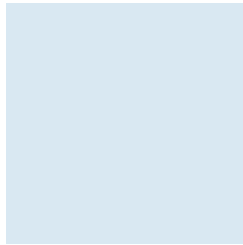
67.5560, 20.9249, 102.1214



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 228.6550, 6.5791, -10.2214 looks on a white background.

Color Contrast Check

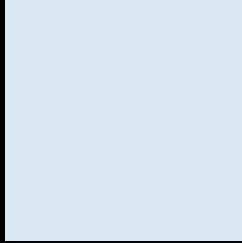
Large Text (above 18pt) WCAG AA × Fail

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 228.6550, 6.5791, -10.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

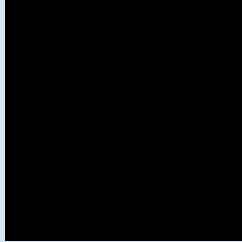
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

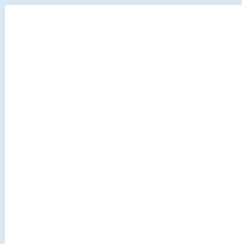
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.6550, 6.5791, -10.2214

Background



This preview shows how black text looks on a background with the YUV color 228.6550, 6.5791, -10.2214.



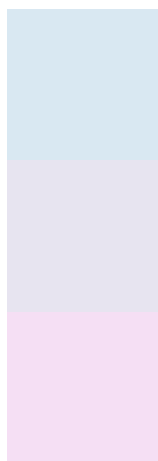
This preview shows how white text looks on a background with the YUV color 228.6550, 6.5791,

-10.2214.

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

228.6550, 6.5791, -10.2214

Protanopia

230.2650, 4.7994, 0.6446

Deuteranopia

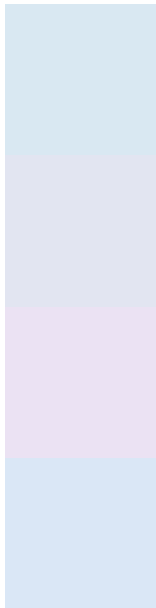
231.9720, 5.9298, 11.4256



Tritanopia

229.1650, 9.7787, -9.7917

Trichromacy



Original Color

228.6550, 6.5791, -10.2214

Protanomaly

229.4710, 5.6838, -3.0441

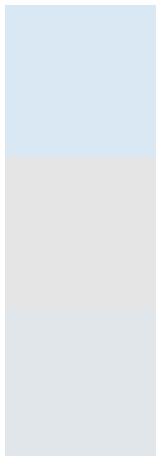
Deuteranomaly

230.6290, 6.0989, 3.8334

Tritanomaly

228.8230, 8.4683, -9.4918

Monochromacy



Original Color

228.6550, 6.5791, -10.2214

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.6550, 6.5791, -10.2214 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(217, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 242)  
}
```

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(217, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 242) }
```

Border

The CSS property to change the border of an element to YUV 228.6550, 6.5791, -10.2214 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(217, 232, 242) }
```


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

```
.border{ border-color:rgb(217, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 232,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 228.6550, 6.5791, -10.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 242) }
```

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

```
.background{ background-color: rgb(217,  
232, 242) }
```

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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