

Converting Colors

YUV(220.6020, 0.1962,
-16.3140)

Have a look what the booklet for
YUV(220.6020, 0.1962, -16.3140)
contains.

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Color

**YUV(220.6020, 0.1962,
-16.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE6DD
RGB	202, 230, 221
RGB Percent	79%, 90%, 87%
CMY	0.2078, 0.0980, 0.1333
CMYK	0.12, 0.00, 0.04, 0.10
HSL	161°, 36%, 85%
HSV	161°, 12%, 90%
XYZ	65.7051, 74.3706, 79.2986
YIQ	220.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

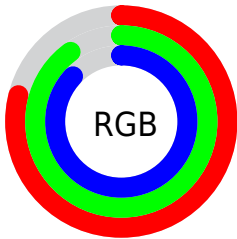
Format	Color
R _Y B	202, 219, 230
Decimal	13297373
CIE Lab	89.10, -10.90, 1.26
CIE LCh	89, 10.975, 173.404
Yxy	74.3706, 0.2995, 0.3390
Android (android.graphics.Color)	4291487453 (0xFFCAE6DD)
YUV	220.6020, 0.1962, -16.3140
Hunter-Lab	86.2384, -14.9180, 5.8481

Details

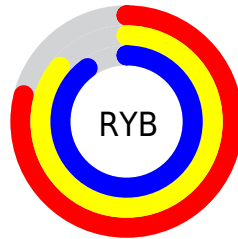
The YUV color $220.6020, 0.1962, -16.3140$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $211.3980, -0.1962, 16.3140$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.3140, 0.3382, -15.1844$ is the 20% darker color. If you saturate the color by 10%, you get $212.9270, 0.5290, -29.7540$, and if you desaturate by 10%, it is $228.2770, -0.1366, -2.8739$.

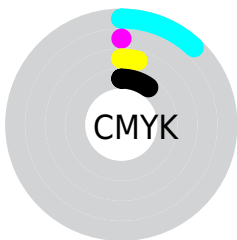
Distribution



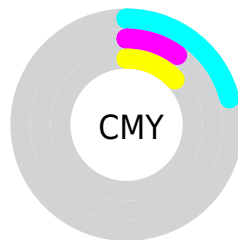
- Red (79%)
- Green (90%)
- Blue (87%)



- Red (79%)
- Yellow (86%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.6020, 0.1962, -16.3140 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 220.6020, 0.1962, -16.3140 by changing the saturation by 10% instead.

■ 220.6020, 0.1962,
-16.3140

■ 220.6020, 0.1962,
-16.3140

255.0000, 0.0000,
0.0000

■ 192.9010, 0.0488,
-15.6992

■ 165.3140, 0.3382,
-15.1844

■ 139.3140, 0.3382,
-15.1844

■ 113.6130, 0.1908,
-14.5696

■ 89.0260, 0.4802,
-14.0548

■ 65.3250, 0.3328,
-13.4400

■ 43.3250, 0.3328,

-13.4400

■ 22.1400, 0.9170,
-14.1548

■ 0.0000, 0.0000,
0.0000

■ 220.6020, 0.1962,
-16.3140

■ 220.6020, 0.1962,
-16.3140

■ 212.9270, 0.5290,
-29.7540

■ 228.2770, -0.1366,
-2.8739

■ 205.1380, 0.4250,
-43.0940

■ 236.0660, -0.0325,
10.4661

■ 197.4630, 0.7577,
-56.5341

■ 238.9570, 1.9932,
14.0697

■ 189.6740, 0.6537,
-69.8741

■ 239.8690, 5.4876,
13.2699

■ 181.9990, 0.9865,
-83.3141

■ 240.3250, 7.2348,
12.8700

■ 174.3240, 1.3193,
-96.7541

■ 166.5350, 1.2152,
-110.0942

■ 158.8600, 1.5480,
-123.5342

■ 152.7940, 1.5806,
-134.0003

Harmonies

Analogous

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



220.9790, -4.9196, -8.7516



220.6020, 0.1962, -16.3140



220.6600, 5.5906, -19.8728

Triad

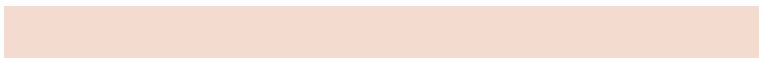
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.6020, 0.1962, -16.3140



224.6930, 9.0254, -1.4848



225.1070, -8.9268, 16.5692

Complementary

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



220.6020, 0.1962, -16.3140



211.3980, -0.1962, 16.3140

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.



225.8560, -4.8590, 18.5433



220.6020, 0.1962, -16.3140



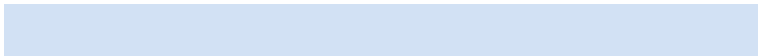
225.7220, 5.0671, 8.1368

Square

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



220.6020, 0.1962, -16.3140



222.6810, 10.5103, -11.1212



226.2130, 0.3880, 15.5992



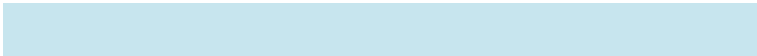
223.7210, -10.2155, 9.8917

Rectangle

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



220.6020, 0.1962, -16.3140



221.0560, 8.3534, -19.3431



226.2130, 0.3880, 15.5992



225.1610, -7.4744, 17.3988

Sweetspot

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



220.6020, 0.1962, -16.3140



251.6680, 0.1637, -5.8478



221.1270, -9.4296, -8.8814



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



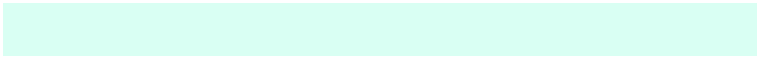
128.0000, 0.0000, 0.0000

Same Dimension

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



220.6020, 0.1962, -16.3140



242.2700, 0.3599, -22.1618



218.6930, 5.5744, -14.6398



110.9560, 0.0217, -6.9774



118.8670, 1.0516, -104.2464



33.9270, 0.5290, -29.7540

Inverse Universe

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



211.3980, -0.1962, 16.3140



229.7300, -0.3599, 22.1618



213.3070, -5.5744, 14.6398



107.0440, -0.0217, 6.9774



60.0190, -1.4884, 104.3463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 220.6020, 0.1962, -16.3140 looks on a white background.

Color Contrast Check

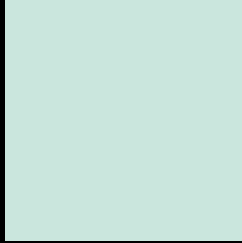
Large Text (above 18pt) WCAG AA × Fail

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 220.6020, 0.1962, -16.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

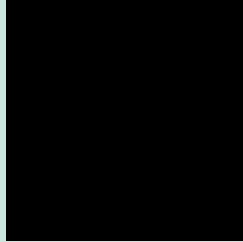
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

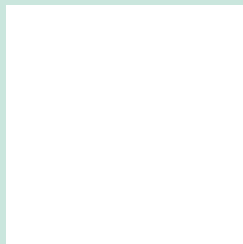
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.6020, 0.1962, -16.3140

Background



This preview shows how black text looks on a background with the YUV color 220.6020, 0.1962, -16.3140.



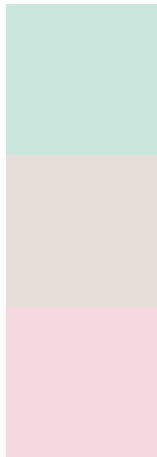
This preview shows how white text looks on a background with the YUV color 220.6020, 0.1962, -16.3140.

-16.3140.

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

220.6020, 0.1962, -16.3140

Protanopia

223.5230, -3.2158, 4.8033

Deuteranopia

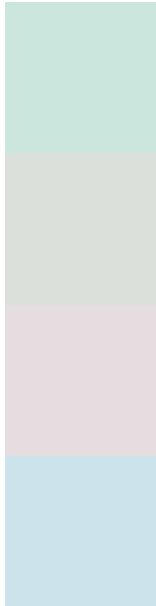
225.5830, -0.7804, 17.0287



Tritanopia

222.0720, 10.8105, -14.0951

Trichromacy



Original Color

220.6020, 0.1962, -16.3140

Protanomaly

222.4080, -2.1731, -2.9888

Deuteranomaly

223.6200, -0.3057, 4.7183

Tritanomaly

221.4480, 7.1741, -14.4249

Monochromacy



Original Color

220.6020, 0.1962, -16.3140

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.6680, 0.1637, -5.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.6020, 0.1962, -16.3140 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(202, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 221)  
}
```

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(202, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 221) }
```

Border

The CSS property to change the border of an element to YUV 220.6020, 0.1962, -16.3140 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(202, 230, 221) }
```


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

```
.border{ border-color:rgb(202, 230, 221) }
```

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

Here you see how a box with a 4 pixel rgb(202, 230, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 220.6020, 0.1962, -16.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 221) }
```

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

```
.background{ background-color: rgb(202,  
230, 221) }
```

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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