

Converting Colors

YUV(191.2230, 21.5821,
-62.4626)

Have a look what the booklet for
YUV(191.2230, 21.5821, -62.4626)
contains.

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Color

**YUV(191.2230, 21.5821,
-62.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	78DBEB
RGB	120, 219, 235
RGB Percent	47%, 86%, 92%
CMY	0.5294, 0.1412, 0.0784
CMYK	0.49, 0.07, 0.00, 0.08
HSL	188°, 74%, 70%
HSV	188°, 49%, 92%
XYZ	48.0726, 60.6543, 87.7710
YIQ	191.2230, -64.1400, -16.0120

Conversions

Conversions Part 2

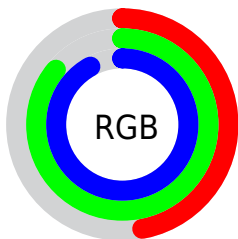
Format	Color
RYB	120, 173, 235
Decimal	7920619
CIELab	82.19, -24.87, -16.84
CIELCh	82, 30.034, 214.097
Yxy	60.6543, 0.2446, 0.3087
Android (android.graphics.Color)	4286110699 (0xFF78DBEB)
YUV	191.2230, 21.5821, -62.4626
Hunter-Lab	77.8808, -26.1108, -12.3027

Details

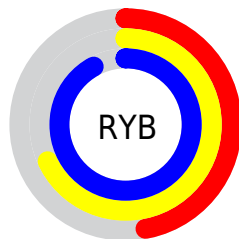
The YUV color **191.2230, 21.5821, -62.4626** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.7770, -21.5821, 62.4626**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **134.0160, 22.1771, -66.6660** is the 20% darker color. If you saturate the color by 10%, you get **182.5850, 25.8406, -75.0580**, and if you desaturate by 10%, it is **199.8610, 17.3235, -49.8671**.

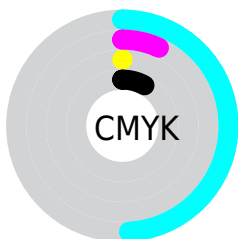
Distribution



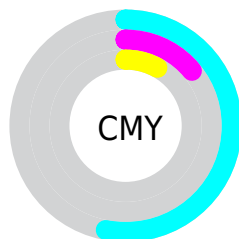
- Red (47%)
- Green (86%)
- Blue (92%)



- Red (47%)
- Yellow (68%)
- Blue (92%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2230, 21.5821, -62.4626 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 191.2230, 21.5821, -62.4626 by changing the saturation by 10% instead.

■ 191.2230, 21.5821,
-62.4626

■ 191.2230, 21.5821,
-62.4626

■ 255.0000, 0.0000,
0.0000

■ 162.6250, 21.8769,
-63.6921

■ 232.2760, 11.2029,
-46.7231

■ 134.0160, 22.1771,
-66.6660

■ 240.9470, 6.9281,
-28.8945

■ 100.7370, 25.2727,
-79.5763

■ 249.9170, 2.5059,
-10.4512

■ 80.2220, 23.0616,
-70.3547

■ 62.6970, 19.3764,
-54.9853

■ 45.8730, 15.8386,
-40.2306

■ 30.3370, 12.1589,

-26.6055

■ 13.2680, 10.2209,
-11.6360

■ 0.9120, 3.4944,
-0.7998

■ 191.2230, 21.5821,
-62.4626

■ 191.2230, 21.5821,
-62.4626

■ 182.5850, 25.8406,
-75.0580

■ 199.8610, 17.3235,
-49.8671

■ 173.0610, 30.5359,
-87.7535

■ 209.3850, 12.6282,
-37.1716

■ 164.4230, 34.7945,
-100.3490

■ 218.3220, 8.2223,
-23.9614

■ 155.4860, 39.2004,
-113.5592

■ 226.9600, 3.9637,
-11.3659

■ 146.5490, 43.6063,
-126.7695

■ 235.8970, -0.4422,
1.8443

■ 145.3640, 44.1905,
-127.4842

■ 243.3280, -4.1057,
10.2363

■ 245.0890, -4.9739,
8.6919

■ 246.8500, -5.8420,
7.1476

■ 248.6110, -6.7102,
5.6032

Harmonies

Analogous

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



191.6080, 7.5883, -54.0302



191.2230, 21.5821, -62.4626



195.8360, 28.6749, -50.7222

Triad

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



191.2230, 21.5821, -62.4626



208.9450, 10.3801, 30.7432



202.6990, -26.9666, 16.0500

Complementary

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



191.2230, 21.5821, -62.4626



163.7770, -21.5821, 62.4626

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.



205.1020, -24.7003, 35.8675



191.2230, 21.5821, -62.4626



207.2810, -2.6035, 41.8496

Square

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



191.2230, 21.5821, -62.4626



207.6520, 21.3706, 5.5672



205.8500, -15.7020, 43.1046



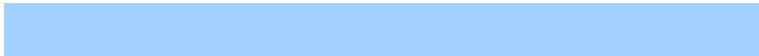
199.1520, -20.7809, -8.0263

Rectangle

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



191.2230, 21.5821, -62.4626



200.1910, 27.0208, -33.4935



205.8500, -15.7020, 43.1046



203.7430, -26.9883, 23.0274

Sweetspot

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



191.2230, 21.5821, -62.4626



240.7030, 7.0484, -20.7875



189.2150, -26.7280, -60.7016



118.7750, 4.5479, -12.0807



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.



191.2230, 21.5821, -62.4626



197.8230, 28.1883, -81.4058



157.7640, 38.0773, -33.1190



113.1240, 1.9109, -6.2477



112.2060, 33.9154, -98.4047



33.1580, 10.2751, -29.0796

Inverse Universe

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



165.6710, 26.2912, 60.8015



164.5560, 34.2359, 79.3194



197.2360, -38.0773, 33.1190



110.4290, 2.7465, 5.7628



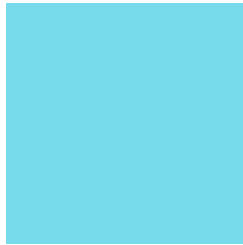
71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 191.2230, 21.5821, -62.4626 looks on a white background.

Color Contrast Check

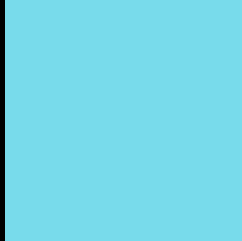
Large Text (above 18pt) WCAG AA × Fail

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 191.2230, 21.5821, -62.4626 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 191.2230, 21.5821, -62.4626

Background



This preview shows how black text looks on a background with the YUV color 191.2230, 21.5821, -62.4626.



This preview shows how white text looks on a background with the YUV color 191.2230, 21.5821, -62.4626.

-62.4626.

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

191.2230, 21.5821, -62.4626

Protanopia

204.2090, 9.7570, -2.8143

Deuteranopia

205.0660, 16.7295, 0.8191



Tritanopia

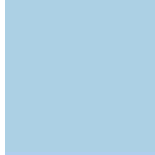
191.3370, 22.0189, -62.5625

Trichromacy



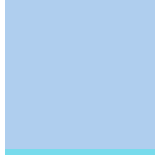
Original Color

191.2230, 21.5821, -62.4626



Protanomaly

199.5160, 14.0426, -24.1315



Deuteranomaly

200.3790, 18.5472, -22.2574



Tritanomaly

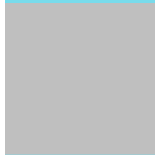
191.3370, 22.0189, -62.5625

Monochromacy



Original Color

191.2230, 21.5821, -62.4626



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.9200, 7.9274, -22.7318

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2230, 21.5821, -62.4626 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(120, 219, 235)` looks like.

```
.text, #text, p{  
    color:rgb(120, 219, 235)  
}
```

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(120, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 219, 235) }
```

Border

The CSS property to change the border of an element to YUV 191.2230, 21.5821, -62.4626 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(120, 219, 235) }
```


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

```
.border{ border-color:rgb(120, 219, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 219, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(120, 219,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 191.2230, 21.5821, -62.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 219, 235) }
```

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

```
.background{ background-color: rgb(120,  
219, 235) }
```

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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