

Converting Colors

YUV(170.8470, 25.2184,
-62.1328)

Have a look what the booklet for
YUV(170.8470, 25.2184, -62.1328)
contains.

YUV(170.8470, 25.2184, -62.1328)	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(170.8470, 25.2184,
-62.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	64C5DE
RGB	100, 197, 222
RGB Percent	39%, 77%, 87%
CMY	0.6078, 0.2275, 0.1294
CMYK	0.55, 0.11, 0.00, 0.13
HSL	192°, 65%, 63%
HSV	192°, 55%, 87%
XYZ	38.4066, 47.9158, 76.3317
YIQ	170.8470, -65.8370, -12.7890

Conversions

Conversions Part 2

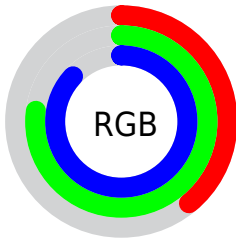
Format	Color
RYB	100, 154, 222
Decimal	6604254
CIELab	74.77, -21.61, -21.17
CIElCh	75, 30.246, 224.410
Yxy	47.9158, 0.2361, 0.2946
Android (android.graphics.Color)	4284794334 (0xFF64C5DE)
YUV	170.8470, 25.2184, -62.1328
Hunter-Lab	69.2212, -22.0984, -16.9255

Details

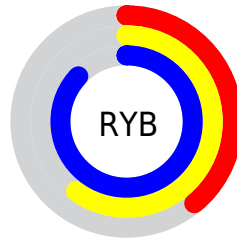
The YUV color **170.8470, 25.2184, -62.1328** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.1530, -25.2184, 62.1328**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7090, 14.4405, -58.5038**, and **111.9490, 27.1401, -71.8693** is the 20% darker color. If you saturate the color by 10%, you get **161.3340, 29.9083, -73.0839**, and if you desaturate by 10%, it is **180.3600, 20.5285, -51.1817**.

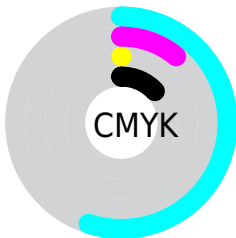
Distribution



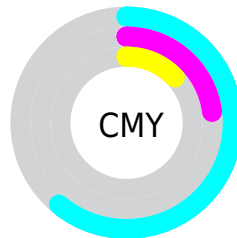
- Red (39%)
- Green (77%)
- Blue (87%)



- Red (39%)
- Yellow (60%)
- Blue (87%)



- Cyan (55%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8470, 25.2184, -62.1328 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 170.8470, 25.2184, -62.1328 by changing the saturation by 10% instead.

■ 170.8470, 25.2184,
-62.1328

■ 170.8470, 25.2184,
-62.1328

■ 255.0000, 0.0000,
0.0000

■ 142.5370, 25.3713,
-64.4919

■ 225.7090, 14.4405,
-58.5038

■ 111.9490, 27.1401,
-71.8693

■ 235.2660, 9.7289,
-40.5753

■ 84.6390, 27.2930,
-74.2284

■ 243.9370, 5.4541,
-22.7467

■ 67.1140, 23.6078,
-58.8590

■ 253.2060, 0.8844,
-3.6887

■ 50.7630, 19.3438,
-44.5192

■ 34.6400, 15.9535,
-30.3793

■ 20.8650, 11.4056,

-18.2986

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 170.8470, 25.2184,
-62.1328

■ 170.8470, 25.2184,
-62.1328

■ 161.3340, 29.9083,
-73.0839

■ 180.3600, 20.5285,
-51.1817

■ 152.4080, 34.3089,
-84.5498

■ 189.2860, 16.1280,
-39.7158

■ 142.5960, 39.1462,
-96.1157

■ 199.0980, 11.2907,
-28.1499

■ 133.6700, 43.5467,
-107.5816

■ 208.0240, 6.8902,
-16.6840

■ 129.2070, 45.7469,
-113.3145

■ 217.5370, 2.2003,
-5.7329

■ 226.4630, -2.2003,
5.7329

■ 235.9760, -6.8902,
16.6840

■ 238.3240, -8.0477,
14.6249

■ 241.2590, -9.4947,
12.0509

Harmonies

Analogous

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



170.3560, 13.1355, -59.9482



170.8470, 25.2184, -62.1328



177.4070, 29.3793, -43.3299

Triad

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



170.8470, 25.2184, -62.1328



188.4250, 5.7065, 36.4613



181.3990, -25.3397, 7.5431

Complementary

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



170.8470, 25.2184, -62.1328



151.1530, -25.2184, 62.1328

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.



183.7160, -25.9890, 29.1901



170.8470, 25.2184, -62.1328



187.5220, -8.1453, 46.0232

Square

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



170.8470, 25.2184, -62.1328



187.7950, 17.8491, 15.0888



186.1120, -19.7752, 42.8748



177.8350, -16.6807, -16.5183

Rectangle

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



170.8470, 25.2184, -62.1328



181.8870, 28.1567, -24.4569



186.1120, -19.7752, 42.8748



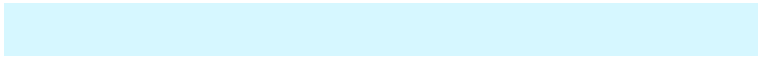
182.4000, -26.8192, 15.4352

Sweetspot

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



170.8470, 25.2184, -62.1328



238.0450, 8.3588, -21.0875



174.3500, -24.8225, -65.2049



117.5900, 5.1321, -12.7954



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.



170.8470, 25.2184, -62.1328



184.8100, 34.6037, -85.7794



135.6270, 42.5819, -31.2449



107.5370, 2.2003, -5.7329



102.2440, 36.3617, -89.6680



28.3650, 9.6801, -24.8761

Inverse Universe

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



147.5360, 24.3858, 65.3049



152.5080, 33.7666, 89.8855



186.3730, -42.5819, 31.2449



105.3150, 2.3097, 5.8627



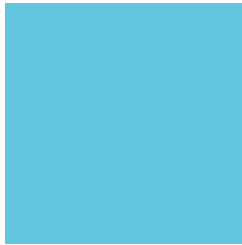
68.5840, 35.2081, 94.2038



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 170.8470, 25.2184, -62.1328 looks on a white background.

Color Contrast Check

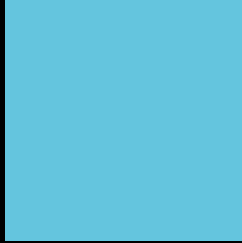
Large Text (above 18pt) WCAG AA × Fail

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 170.8470, 25.2184, -62.1328 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 170.8470, 25.2184, -62.1328 Background



This preview shows how black text looks on a background with the YUV color 170.8470, 25.2184, -62.1328.



This preview shows how white text looks on a background with the YUV color 170.8470, 25.2184, -62.1328.

-62.1328.

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

170.8470, 25.2184, -62.1328

Protanopia

183.3380, 14.1304, -5.5584

Deuteranopia

184.3580, 20.5295, -4.6990



Tritanopia

169.6250, 21.8769, -63.6921

Trichromacy



Original Color

170.8470, 25.2184, -62.1328

Protanomaly

178.9440, 18.2686, -26.2609

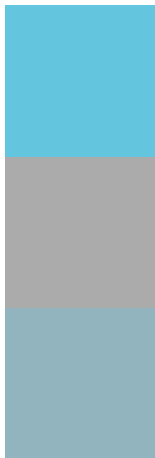
Deuteranomaly

179.6820, 22.3418, -26.0311

Tritanomaly

170.2660, 23.0399, -63.3773

Monochromacy



Original Color

170.8470, 25.2184, -62.1328

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6750, 9.5272, -22.5170

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8470, 25.2184, -62.1328 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(100, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(100, 197, 222)  
}
```

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(100, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 197, 222) }
```

Border

The CSS property to change the border of an element to YUV 170.8470, 25.2184, -62.1328 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(100, 197, 222) }
```


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

```
.border{ border-color:rgb(100, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(100, 197,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 170.8470, 25.2184, -62.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 197, 222) }
```

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

```
.background{ background-color: rgb(100,  
197, 222) }
```

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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