

Converting Colors

YUV(171.2550, 23.0453,
-65.1216)

Have a look what the booklet for
YUV(171.2550, 23.0453, -65.1216)
contains.

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Color

**YUV(171.2550, 23.0453,
-65.1216)**

Conversions

Conversions Part 1

Format	Color
Hex	61C8DA
RGB	97, 200, 218
RGB Percent	38%, 78%, 85%
CMY	0.6196, 0.2157, 0.1451
CMYK	0.56, 0.08, 0.00, 0.15
HSL	189°, 62%, 62%
HSV	189°, 56%, 85%
XYZ	38.2389, 48.9119, 73.7552
YIQ	171.2550, -67.1660, -16.2380

Conversions

Conversions Part 2

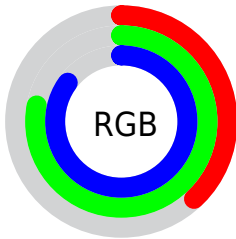
Format	Color
RYB	97, 153, 218
Decimal	6408410
CIELab	75.40, -24.84, -18.07
CIElCh	75, 30.713, 216.032
Yxy	48.9119, 0.2376, 0.3040
Android (android.graphics.Color)	4284598490 (0xFF61C8DA)
YUV	171.2550, 23.0453, -65.1216
Hunter-Lab	69.9370, -24.7928, -13.5710

Details

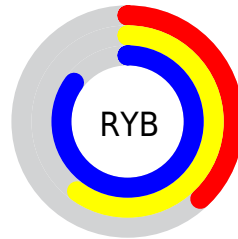
The YUV color **171.2550, 23.0453, -65.1216** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.7450, -23.0453, 65.1216**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **111.1610, 25.5566, -77.3172** is the 20% darker color. If you saturate the color by 10%, you get **162.9160, 27.1564, -77.1023**, and if you desaturate by 10%, it is **179.5940, 18.9342, -53.1409**.

Distribution



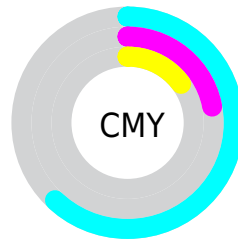
- Red (38%)
- Green (78%)
- Blue (85%)



- Red (38%)
- Yellow (60%)
- Blue (85%)



- Cyan (56%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (62%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2550, 23.0453, -65.1216 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 171.2550, 23.0453, -65.1216 by changing the saturation by 10% instead.

171.2550, 23.0453,
-65.1216

171.2550, 23.0453,
-65.1216

255.0000, 0.0000,
0.0000

142.6460, 23.3455,
-68.0955

225.6980, 14.4459,
-60.2481

111.1610, 25.5566,
-77.3172

234.3690, 10.1711,
-42.4196

86.0580, 25.1144,
-75.4729

243.3390, 5.7489,
-23.9763

68.4190, 20.9924,
-60.0035

252.3090, 1.3267,
-5.5330

51.5950, 17.4547,
-45.2488

35.4720, 14.0643,
-31.1089

21.8110, 9.9532,

-19.1282

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 171.2550, 23.0453,
-65.1216

■ 171.2550, 23.0453,
-65.1216

■ 162.9160, 27.1564,
-77.1023

■ 179.5940, 18.9342,
-53.1409

■ 154.5770, 31.2675,
-89.0830

■ 187.9330, 14.8230,
-41.1602

■ 145.9500, 35.5207,
-99.9341

■ 196.5600, 10.5699,
-30.3091

■ 137.6110, 39.6318,
-111.9148

■ 204.8990, 6.4588,
-18.3284

■ 134.0340, 41.3952,
-117.5478

■ 213.2380, 2.3477,
-6.3477

■ 221.5770, -1.7635,
5.6330

■ 230.5030, -6.1640,
17.0989

■ 233.7590, -7.7692,
18.6284

■ 235.5200, -8.6374,
17.0840

Harmonies

Analogous

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



172.6400, 9.0515, -56.6893



171.2550, 23.0453, -65.1216



176.7650, 29.6959, -51.5369

Triad

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



171.2550, 23.0453, -65.1216



190.3150, 9.2117, 32.1727



183.6880, -26.9612, 14.3056

Complementary

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



171.2550, 23.0453, -65.1216



143.7450, -23.0453, 65.1216

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.



185.9770, -25.1317, 34.2232



171.2550, 23.0453, -65.1216



189.5480, -4.2142, 45.1234

Square

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



171.2550, 23.0453, -65.1216



188.6630, 21.3651, 7.3115



187.9320, -16.7285, 45.6636



180.2550, -20.3387, -9.8706

Rectangle

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



171.2550, 23.0453, -65.1216



182.1740, 29.4942, -33.4786



187.9320, -16.7285, 45.6636



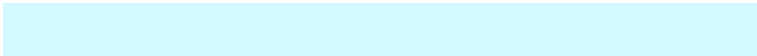
184.6180, -27.4197, 21.3830

Sweetspot

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



171.2550, 23.0453, -65.1216



238.6210, 8.0748, -23.3466



169.8510, -28.0275, -63.8903



117.8780, 4.9901, -13.9250



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.



171.2550, 23.0453, -65.1216



189.1960, 32.4414, -92.2569



136.6220, 40.1194, -34.7485



105.5370, 2.2003, -5.7329



106.5980, 32.7362, -93.4864



28.1370, 8.8065, -24.6761

Inverse Universe

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



144.9210, 27.1539, 64.0903



151.7730, 38.5659, 90.5301



178.3780, -40.1194, 34.7485



103.3150, 2.3097, 5.8627



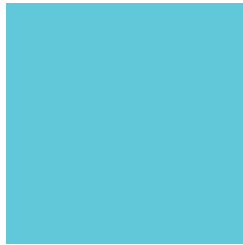
68.5990, 39.1447, 91.5597



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 171.2550, 23.0453, -65.1216 looks on a white background.

Color Contrast Check

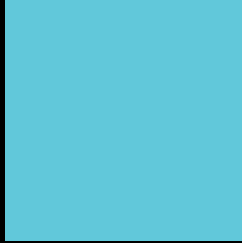
Large Text (above 18pt) WCAG AA × Fail

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 171.2550, 23.0453, -65.1216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

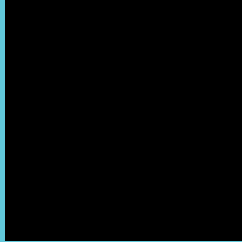
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.2550, 23.0453, -65.1216

Background



This preview shows how black text looks on a background with the YUV color 171.2550, 23.0453, -65.1216.



This preview shows how white text looks on a background with the YUV color 171.2550, 23.0453, -65.1216.

-65.1216.

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

171.2550, 23.0453, -65.1216

Protanopia

185.1380, 10.7780, -3.6290

Deuteranopia

185.9840, 17.7559, -1.7400



Tritanopia

170.7280, 22.3191, -65.5365

Trichromacy



Original Color

171.2550, 23.0453, -65.1216

Protanomaly

179.8470, 15.3584, -26.1758

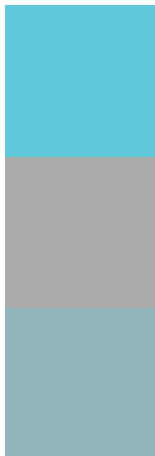
Deuteranomaly

180.4110, 20.0104, -24.9164

Tritanomaly

170.8420, 22.7559, -65.6364

Monochromacy



Original Color

171.2550, 23.0453, -65.1216

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.3220, 8.2223, -23.9614

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2550, 23.0453, -65.1216 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(97, 200, 218)` looks like.

```
.text, #text, p{  
    color:rgb(97, 200, 218)  
}
```

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(97, 200, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 200, 218) }
```

Border

The CSS property to change the border of an element to YUV 171.2550, 23.0453, -65.1216 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(97, 200, 218) }
```


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

```
.border{ border-color:rgb(97, 200, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 200, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 200, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 200, 218);  
box-shadow:4px 4px 4px 4px rgb(97, 200,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 171.2550, 23.0453, -65.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 200, 218) }
```

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

```
.background{ background-color: rgb(97, 200,  
218) }
```

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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