

Converting Colors

YUV(204.0630, 10.8149,
-62.3223)

Have a look what the booklet for
YUV(204.0630, 10.8149, -62.3223)
contains.

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Color

**YUV(204.0630, 10.8149,
-62.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	85ECE2
RGB	133, 236, 226
RGB Percent	52%, 93%, 89%
CMY	0.4784, 0.0745, 0.1137
CMYK	0.44, 0.00, 0.04, 0.07
HSL	174°, 73%, 72%
HSV	174°, 44%, 93%
XYZ	53.3958, 70.4684, 82.7390
YIQ	204.0630, -58.1780, -24.9460

Conversions

Conversions Part 2

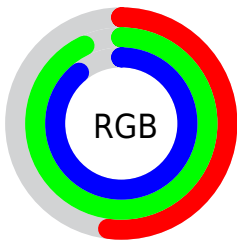
Format	Color
R_{YB}	133, 187, 236
Decimal	8776930
CIE _{Lab}	87.23, -32.37, -4.53
CIE _{LCh}	87, 32.690, 187.967
Yxy	70.4684, 0.2584, 0.3411
Android (android.graphics.Color)	4286967010 (0xFF85ECE2)
YUV	204.0630, 10.8149, -62.3223
Hunter-Lab	83.9455, -33.3649, 0.3239

Details

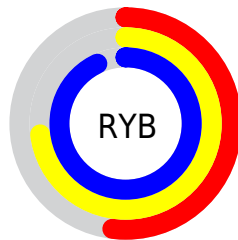
The YUV color **204.0630, 10.8149, -62.3223** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **164.9370, -10.8149, 62.3223**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **147.2800, 11.6940, -64.2666** is the 20% darker color. If you saturate the color by 10%, you get **196.6590, 13.4791, -76.8769**, and if you desaturate by 10%, it is **211.4670, 8.1508, -47.7676**.

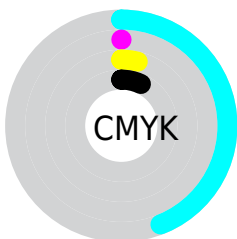
Distribution



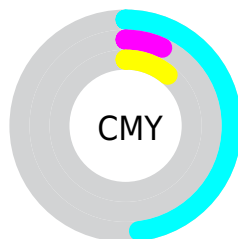
- Red (52%)
- Green (93%)
- Blue (89%)



- Red (52%)
- Yellow (73%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0630, 10.8149, -62.3223 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 204.0630, 10.8149, -62.3223 by changing the saturation by 10% instead.

204.0630, 10.8149,
-62.3223

204.0630, 10.8149,
-62.3223

255.0000, 0.0000,
0.0000

175.7640, 10.9623,
-62.9370

235.8640, 9.4340,
-39.3457

147.2800, 11.6940,
-64.2666

244.8340, 5.0118,
-20.9024

118.1870, 12.7258,
-68.5700

253.5050, 0.7370,
-3.0739

87.5280, 15.5157,
-76.7621

70.0030, 11.8305,
-61.3926

52.5920, 8.5821,
-46.1232

36.5830, 5.6286,

-32.0833

■ 22.4490, 2.2436,
-19.6878

■ 0.0000, 0.0000,
0.0000

■ 204.0630, 10.8149,
-62.3223

■ 204.0630, 10.8149,
-62.3223

■ 196.6590, 13.4791,
-76.8769

■ 211.4670, 8.1508,
-47.7676

■ 189.4400, 15.5591,
-90.7169

■ 218.6860, 6.0708,
-33.9276

■ 182.0360, 18.2233,
-105.2716

■ 226.0900, 3.4066,
-19.3729

■ 174.9310, 20.7400,
-119.2115

■ 233.1950, 0.8899,
-5.4330

■ 167.5270, 23.4042,
-133.7662

■ 240.5990, -1.7743,
9.1217

■ 162.8140, 24.7417,
-142.7879

■ 242.1370, -1.0535,
11.2809

■ 242.3650, -0.1799,
11.0809

■ 242.5930, 0.6937,
10.8809

■ 242.9350, 2.0040,
10.5810

Harmonies

Analogous

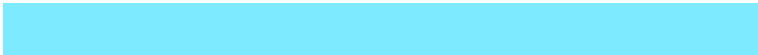
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.2110, -7.0060, -39.6500



204.0630, 10.8149, -62.3223



203.8030, 25.2401, -69.1102

Triad

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



204.0630, 10.8149, -62.3223



221.1320, 16.6969, 11.2852



217.3960, -27.3102, 32.9787

Complementary

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



204.0630, 10.8149, -62.3223



164.9370, -10.8149, 62.3223

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.



214.3930, -15.9697, 35.6123



204.0630, 10.8149, -62.3223



220.7600, 10.9643, 30.0285

Square

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



204.0630, 10.8149, -62.3223



214.7320, 19.8521, -20.8130



215.3510, -2.1450, 34.7722



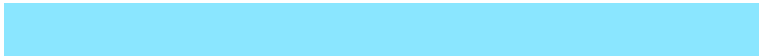
216.1180, -29.1452, 14.8055

Rectangle

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



204.0630, 10.8149, -62.3223



205.3420, 24.4814, -59.0589



215.3510, -2.1450, 34.7722



215.6180, -23.9687, 34.5380

Sweetspot

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



204.0630, 10.8149, -62.3223



244.7910, 3.5540, -19.9877



196.4510, -31.2813, -46.8765



121.4930, 2.2220, -12.7104



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.



204.0630, 10.8149, -62.3223



213.7510, 13.9268, -80.4656



181.1360, 27.0480, -42.2153



113.5970, 1.1847, -6.6626



124.8290, 18.8183, -109.4750



37.1700, 5.3392, -32.5981

Inverse Universe

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



164.9370, -10.8149, 62.3223



163.2490, -13.9268, 80.4656



187.8640, -27.0480, 42.2153



109.4030, -1.1847, 6.6626



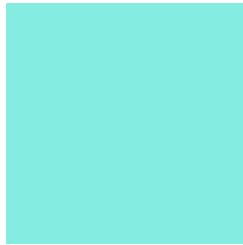
56.1710, -18.8183, 109.4750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 204.0630, 10.8149, -62.3223 looks on a white background.

Color Contrast Check

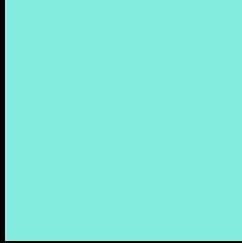
Large Text (above 18pt) WCAG AA × Fail

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 204.0630, 10.8149, -62.3223 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

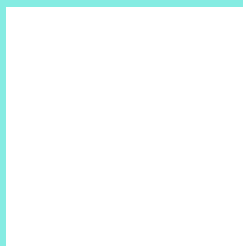
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.0630, 10.8149, -62.3223

Background



This preview shows how black text looks on a background with the YUV color 204.0630, 10.8149, -62.3223.



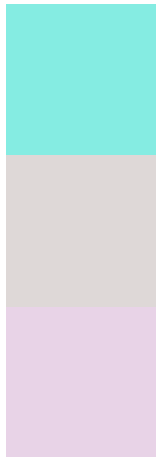
This preview shows how white text looks on a background with the YUV color 204.0630, 10.8149, -62.3223.

-62.3223.

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

204.0630, 10.8149, -62.3223

Protanopia

217.6800, -1.3212, 3.7886

Deuteranopia

219.5590, 5.6404, 10.9108



Tritanopia

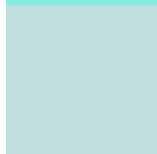
206.6580, 21.8606, -58.4591

Trichromacy



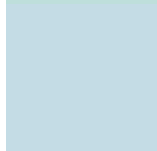
Original Color

204.0630, 10.8149, -62.3223



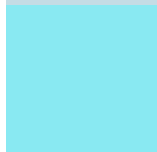
Protanomaly

212.6770, 3.1172, -19.8877



Deuteranomaly

213.8500, 7.4690, -15.6544



Tritanomaly

205.3220, 18.0823, -59.9184

Monochromacy



Original Color

204.0630, 10.8149, -62.3223



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.1820, 3.8543, -22.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0630, 10.8149, -62.3223 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(133, 236, 226)` looks like.

```
.text, #text, p{  
    color:rgb(133, 236, 226)  
}
```

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(133, 236, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 236, 226) }
```

Border

The CSS property to change the border of an element to YUV 204.0630, 10.8149, -62.3223 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(133, 236, 226) }
```


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

```
.border{ border-color:rgb(133, 236, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 236, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 236, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 236, 226);  
box-shadow:4px 4px 4px 4px rgb(133, 236,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 204.0630, 10.8149, -62.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 236, 226) }
```

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

```
.background{ background-color: rgb(133,  
236, 226) }
```

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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