

Converting Colors

YUV(164.1620, 7.3151,
-59.7781)

Have a look what the booklet for
YUV(164.1620, 7.3151, -59.7781)
contains.

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Color

**YUV(164.1620, 7.3151,
-59.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	60C4B3
RGB	96, 196, 179
RGB Percent	38%, 77%, 70%
CMY	0.6235, 0.2314, 0.2980
CMYK	0.51, 0.00, 0.09, 0.23
HSL	170°, 46%, 57%
HSV	170°, 51%, 77%
XYZ	32.7005, 45.2213, 49.6529
YIQ	164.1620, -54.1430, -26.4870

Conversions

Conversions Part 2

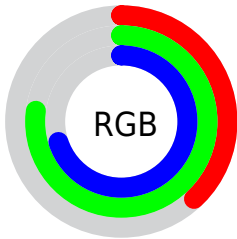
Format	Color
RYB	96, 151, 196
Decimal	6341811
CIELab	73.04, -33.43, -0.43
CIELCh	73, 33.429, 180.736
Yxy	45.2213, 0.2563, 0.3545
Android (android.graphics.Color)	4284531891 (0xFF60C4B3)
YUV	164.1620, 7.3151, -59.7781
Hunter-Lab	67.2468, -30.8817, 3.2949

Details

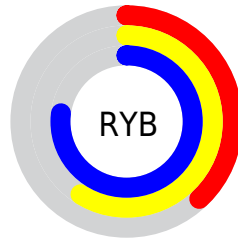
The YUV color **164.1620, 7.3151, -59.7781** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **127.8380, -7.3151, 59.7781**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0480, 6.8783, -59.6781**, and **107.2860, 9.2260, -66.0258** is the 20% darker color. If you saturate the color by 10%, you get **157.8400, 8.9529, -71.7737**, and if you desaturate by 10%, it is **170.4840, 5.6774, -47.7825**.

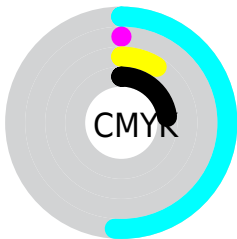
Distribution



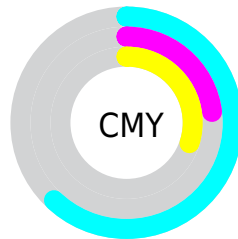
- Red (38%)
- Green (77%)
- Blue (70%)



- Red (38%)
- Yellow (59%)
- Blue (77%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (62%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1620, 7.3151, -59.7781 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 164.1620, 7.3151, -59.7781 by changing the saturation by 10% instead.

■ 164.1620, 7.3151,
-59.7781

■ 164.1620, 7.3151,
-59.7781

255.0000, 0.0000,
0.0000

■ 135.6780, 8.0467,
-61.1076

■ 221.0480, 6.8783,
-59.6781

■ 107.2860, 9.2260,
-66.0258

■ 233.1730, 10.7607,
-44.8787

■ 79.6060, 10.5472,
-69.8145

■ 241.8440, 6.4859,
-27.0502

■ 62.3090, 7.7357,
-54.6450

■ 250.8140, 2.0637,
-8.6069

■ 45.0120, 4.9241,
-39.4755

■ 29.7040, 2.1179,
-26.0504

■ 12.4070, -0.6937,

-10.8809

■ 0.0000, 0.0000,
0.0000

■ 164.1620, 7.3151,
-59.7781

■ 164.1620, 7.3151,
-59.7781

■ 157.8400, 8.9529,
-71.7737

■ 170.4840, 5.6774,
-47.7825

■ 151.7030, 10.0064,
-83.0545

■ 176.6210, 4.6238,
-36.5016

■ 145.3810, 11.6442,
-95.0501

■ 182.9430, 2.9861,
-24.5060

■ 139.3580, 13.1345,
-106.4310

■ 188.9660, 1.4958,
-13.1252

■ 133.6340, 14.4774,
-117.1970

■ 195.4020, 0.2948,
-1.2296

■ 201.7240, -1.3429,
10.7661

■ 207.7470, -2.8333,
22.1469

■ 214.1830, -4.0342,
34.0425

■ 215.1230, -3.0186,
34.9721

Harmonies

Analogous

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



169.3320, -10.5167, -33.6172



164.1620, 7.3151, -59.7781



160.7160, 23.8040, -75.1729

Triad

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



164.1620, 7.3151, -59.7781



181.8410, 24.7284, 1.8934



179.7820, -26.0215, 39.6562

Complementary

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



164.1620, 7.3151, -59.7781



127.8380, -7.3151, 59.7781

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.



181.8940, -15.7237, 50.0820



164.1620, 7.3151, -59.7781



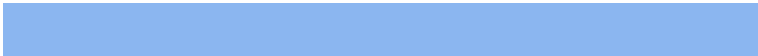
183.9280, 12.8535, 30.7581

Square

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



164.1620, 7.3151, -59.7781



175.7550, 31.6728, -32.2341



182.9550, -1.4568, 47.3975



177.7380, -29.4508, 19.5238

Rectangle

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



164.1620, 7.3151, -59.7781



163.5840, 30.7711, -69.7952



182.9550, -1.4568, 47.3975



180.4990, -23.4170, 44.2894

Sweetspot

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



164.1620, 7.3151, -59.7781



242.8400, 2.5439, -22.6617



160.0820, -31.5924, -40.4139



120.6670, 1.6432, -13.7400



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.



164.1620, 7.3151, -59.7781



205.3920, 11.6387, -93.3058



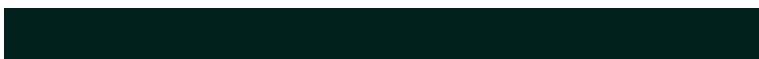
147.3160, 24.0012, -45.0041



93.7820, 0.6005, -5.9478



109.6690, 11.5022, -96.1797



22.5630, 2.6804, -19.7878

Inverse Universe

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



127.8380, -7.3151, 59.7781



148.7220, -11.2019, 93.2058



144.6840, -24.0012, 45.0041



90.2180, -0.6005, 5.9478



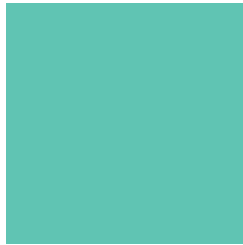
51.2170, -11.9390, 96.2797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 164.1620, 7.3151, -59.7781 looks on a white background.

Color Contrast Check

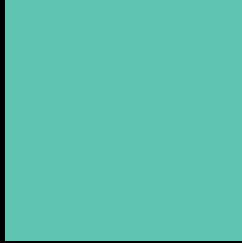
Large Text (above 18pt) WCAG AA × Fail

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 164.1620, 7.3151, -59.7781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

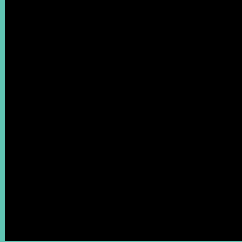
Any Text WCAG AA ✓ Pass

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 164.1620, 7.3151, -59.7781 Background



This preview shows how black text looks on a background with the YUV color 164.1620, 7.3151, -59.7781.



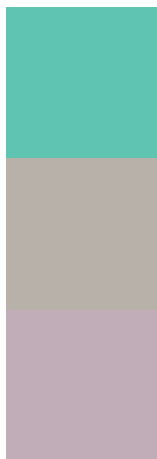
This preview shows how white text looks on a background with the YUV color 164.1620, 7.3151,

-59.7781.

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

164.1620, 7.3151, -59.7781

Protanopia

178.1810, -4.5262, 5.1033

Deuteranopia

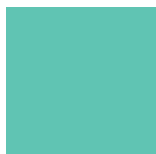
180.2340, 1.8566, 11.1958



Tritanopia

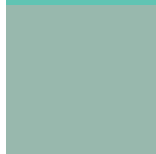
167.6970, 19.3764, -54.9853

Trichromacy



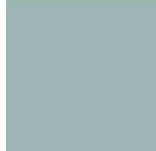
Original Color

164.1620, 7.3151, -59.7781



Protanomaly

173.1780, -0.0878, -18.5731



Deuteranomaly

174.2370, 3.8272, -14.2398



Tritanomaly

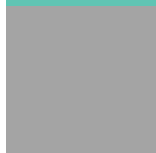
166.2470, 15.1612, -56.3446

Monochromacy



Original Color

164.1620, 7.3151, -59.7781



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1390, 2.3965, -22.0469

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1620, 7.3151, -59.7781 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(96, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(96, 196, 179)  
}
```

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(96, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 196, 179) }
```

Border

The CSS property to change the border of an element to YUV 164.1620, 7.3151, -59.7781 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(96, 196, 179) }
```


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

```
.border{ border-color:rgb(96, 196, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 196, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 196, 179);  
box-shadow:4px 4px 4px 4px rgb(96, 196,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 164.1620, 7.3151, -59.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 196, 179) }
```

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

```
.background{ background-color: rgb(96, 196,  
179) }
```

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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