

Converting Colors

YUV(164.0100, 31.0541,
-114.0188)

Have a look what the booklet for
YUV(164.0100, 31.0541, -114.0188)
contains.

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Color

**YUV(164.0100, 31.0541,
-114.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	22DAE3
RGB	34, 218, 227
RGB Percent	13%, 85%, 89%
CMY	0.8667, 0.1451, 0.1098
CMYK	0.85, 0.04, 0.00, 0.11
HSL	183°, 78%, 51%
HSV	183°, 85%, 89%
XYZ	39.5962, 56.0289, 81.4008
YIQ	164.0100, -112.5530, -36.2090

Conversions

Conversions Part 2

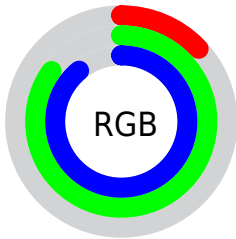
Format	Color
RYB	34, 128, 227
Decimal	2284259
CIELab	79.63, -38.77, -16.64
CIELCh	80, 42.189, 203.226
Yxy	56.0289, 0.2237, 0.3165
Android (android.graphics.Color)	4280474339 (0xFF22DAE3)
YUV	164.0100, 31.0541, -114.0188
Hunter-Lab	74.8525, -36.5671, -12.0801

Details

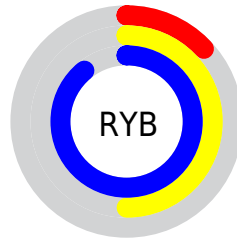
The YUV color **164.0100, 31.0541, -114.0188** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **96.9900, -31.0541, 114.0188**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **114.7020, 28.2479, -100.5937** is the 20% darker color. If you saturate the color by 10%, you get **156.5460, 34.7338, -127.6438**, and if you desaturate by 10%, it is **171.4740, 27.3743, -100.3937**.

Distribution



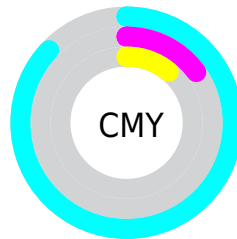
- Red (13%)
- Green (85%)
- Blue (89%)



- Red (13%)
- Yellow (50%)
- Blue (89%)



- Cyan (85%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (87%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0100, 31.0541, -114.0188 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 164.0100, 31.0541, -114.0188 by changing the saturation by 10% instead.

164.0100, 31.0541,
-114.0188

164.0100, 31.0541,
-114.0188

255.0000, 0.0000,
0.0000

134.2160, 31.9385,
-117.7074

214.6350, 19.8999,
-82.9949

114.7020, 28.2479,
-100.5937

224.5020, 15.0355,
-62.7073

96.3620, 23.9785,
-84.5095

234.0700, 10.3185,
-43.0344

78.1360, 20.1460,
-68.5253

243.3390, 5.7489,
-23.9763

60.7250, 16.8976,
-53.2558

252.9070, 1.0318,
-4.3034

43.3140, 13.6492,
-37.9864

29.0660, 9.8275,

-25.4909

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 164.0100, 31.0541,
-114.0188

■ 164.0100, 31.0541,
-114.0188

■ 156.5460, 34.7338,
-127.6438

■ 171.4740, 27.3743,
-100.3937

■ 152.6700, 36.6447,
-133.8916

■ 178.6390, 23.8420,
-87.3834

■ 186.1030, 20.1622,
-73.7583

■ 193.5670, 16.4825,
-60.1333

■ 201.0310, 12.8027,
-46.5082

■ 208.1960, 9.2704,
-33.4979

■ 215.6600, 5.5906,
-19.8728

■ 223.1240, 1.9109,
-6.2477

■ 230.8760, -1.9109,
6.2477

Harmonies

Analogous

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



177.3900, 4.7377, -73.1330



164.0100, 31.0541, -114.0188



169.6490, 42.0780, -103.1782

Triad

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



164.0100, 31.0541, -114.0188



202.4040, 20.9998, 31.2177



195.3390, -37.6351, 31.2747

Complementary

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



164.0100, 31.0541, -114.0188



96.9900, -31.0541, 114.0188

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.



196.2350, -29.6959, 51.5369



164.0100, 31.0541, -114.0188



197.9860, 4.9369, 50.0013

Square

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



164.0100, 31.0541, -114.0188



197.1110, 28.5393, -7.1133



194.0130, -12.8244, 53.4856



191.2920, -33.1750, 0.6209

Rectangle

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



164.0100, 31.0541, -114.0188



181.3650, 36.3021, -70.4801



194.0130, -12.8244, 53.4856



196.0350, -36.4993, 40.3113

Sweetspot

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



164.0100, 31.0541, -114.0188



233.5050, 10.5970, -39.0309



147.9750, -53.2317, -99.9561



114.8660, 6.4751, -23.5615



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.



164.0100, 31.0541, -114.0188



171.7110, 41.0615, -150.5905



108.8320, 58.2568, -65.6277



110.8250, 2.0583, -6.8625



120.1960, 28.9904, -105.4119



34.5770, 8.0965, -30.3240

Inverse Universe

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



112.6830, 51.9213, 100.2560



103.9470, 68.5531, 132.4735



152.1680, -58.2568, 65.6277



107.8420, 3.0359, 6.2776



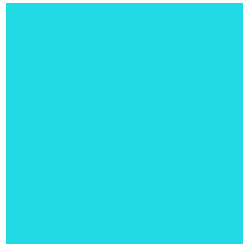
72.9010, 47.8698, 93.0488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 164.0100, 31.0541, -114.0188 looks on a white background.

Color Contrast Check

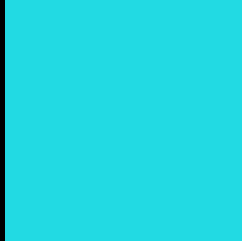
Large Text (above 18pt) WCAG AA × Fail

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 164.0100, 31.0541, -114.0188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

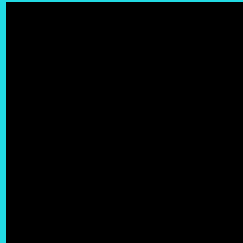
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

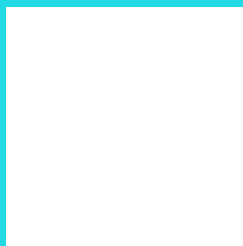
Any Text WCAG AAA ✓ Pass

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

YUV 164.0100, 31.0541, -114.0188 Background



This preview shows how black text looks on a background with the YUV color 164.0100, 31.0541, -114.0188.

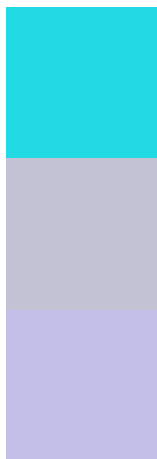


This preview shows how white text looks on a background with the YUV color 164.0100, 31.0541, -114.0188.

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

164.0100, 31.0541, -114.0188

Protanopia

196.0520, 7.8624, -1.7996

Deuteranopia

197.2830, 17.6085, -1.1252



Tritanopia

166.9120, 33.0744, -108.6708

Trichromacy



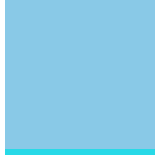
Original Color

164.0100, 31.0541, -114.0188



Protanomaly

184.5630, 15.9914, -42.5898



Deuteranomaly

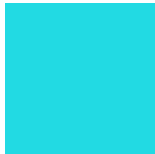
185.2840, 22.5380, -42.3451



Tritanomaly

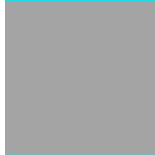
165.6730, 32.2062, -110.2152

Monochromacy



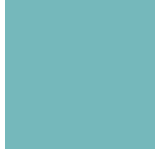
Original Color

164.0100, 31.0541, -114.0188



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.3090, 11.1867, -41.4900

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0100, 31.0541, -114.0188 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(34, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(34, 218, 227)  
}
```

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(34, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 218, 227) }
```

Border

The CSS property to change the border of an element to YUV 164.0100, 31.0541, -114.0188 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(34, 218, 227) }
```


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

```
.border{ border-color:rgb(34, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(34, 218,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 164.0100, 31.0541, -114.0188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 218, 227) }
```

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

```
.background{ background-color: rgb(34, 218,  
227) }
```

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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