

Converting Colors

YUV(164.0700, 13.2765,
-105.3014)

Have a look what the booklet for
YUV(164.0700, 13.2765, -105.3014)
contains.

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Color

**YUV(164.0700, 13.2765,
-105.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	2CDCBF
RGB	44, 220, 191
RGB Percent	17%, 86%, 75%
CMY	0.8275, 0.1373, 0.2510
CMYK	0.80, 0.00, 0.13, 0.14
HSL	170°, 72%, 52%
HSV	170°, 80%, 86%
XYZ	36.0359, 55.4835, 58.1003
YIQ	164.0700, -95.5870, -46.3310

Conversions

Conversions Part 2

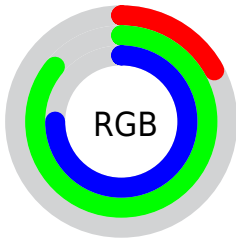
Format	Color
RYB	44, 140, 220
Decimal	2940095
CIELab	79.32, -48.97, 2.12
CIELCh	79, 49.020, 177.517
Yxy	55.4835, 0.2408, 0.3708
Android (android.graphics.Color)	4281130175 (0xFF2CDCBF)
YUV	164.0700, 13.2765, -105.3014
Hunter-Lab	74.4872, -43.9968, 5.8946

Details

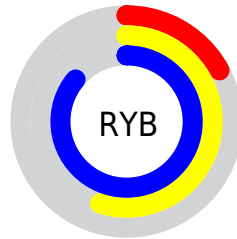
The YUV color **164.0700, 13.2765, -105.3014** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **99.9300, -13.2765, 105.3014**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0220, 16.2582, -81.5803**, and **112.0000, 12.8180, -98.2240** is the 20% darker color. If you saturate the color by 10%, you get **157.0360, 14.7723, -118.4266**, and if you desaturate by 10%, it is **171.1040, 11.7807, -92.1762**.

Distribution



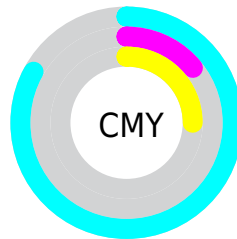
- Red (17%)
- Green (86%)
- Blue (75%)



- Red (17%)
- Yellow (55%)
- Blue (86%)



- Cyan (80%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (83%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0700, 13.2765, -105.3014 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 164.0700, 13.2765, -105.3014 by changing the saturation by 10% instead.

164.0700, 13.2765,
-105.3014

164.0700, 13.2765,
-105.3014

255.0000, 0.0000,
0.0000

131.4000, 16.0718,
-115.2378

214.0220, 16.2582,
-81.5803

112.0000, 12.8180,
-98.2240

224.5020, 15.0355,
-62.7073

93.1870, 9.2748,
-81.7250

233.7710, 10.4659,
-43.6492

75.1890, 6.3158,
-65.9408

243.0400, 5.8963,
-24.5911

57.3050, 3.7936,
-50.2565

252.3090, 1.3267,
-5.5330

40.7090, 1.1295,
-35.7018

25.4010, -1.6767,

-22.2767

■ 0.0000, 0.0000,
0.0000

■ 164.0700, 13.2765,
-105.3014

■ 164.0700, 13.2765,
-105.3014

■ 157.0360, 14.7723,
-118.4266

■ 171.1040, 11.7807,
-92.1762

■ 150.1160, 16.7048,
-131.6517

■ 178.0240, 9.8482,
-78.9510

■ 185.0580, 8.3524,
-65.8259

■ 191.9780, 6.4198,
-52.6007

■ 199.0120, 4.9241,
-39.4755

■ 206.0460, 3.4283,
-26.3503

■ 212.9660, 1.4958,
-13.1252

■ 220.0000, 0.0000,
0.0000

■ 227.0340, -1.4958,
13.1252

Harmonies

Analogous

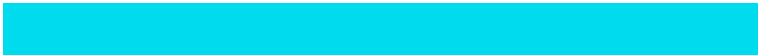
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.4090, -17.4566, -47.7167



164.0700, 13.2765, -105.3014



156.1580, 39.8551, -136.9506

Triad

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



164.0700, 13.2765, -105.3014



196.5570, 28.8124, -1.3655



193.3510, -35.6690, 54.0662

Complementary

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



164.0700, 13.2765, -105.3014



99.9300, -13.2765, 105.3014

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.



189.8240, -16.1822, 57.1594



164.0700, 13.2765, -105.3014



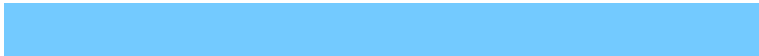
201.9970, 21.6935, 42.0986

Square

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



164.0700, 13.2765, -105.3014



182.0290, 35.9747, -58.7844



193.1930, 4.3419, 54.2047



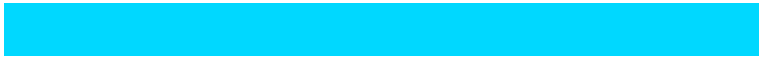
193.3190, -44.0343, 30.4152

Rectangle

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



164.0700, 13.2765, -105.3014



155.8620, 48.8750, -136.6910



193.1930, 4.3419, 54.2047



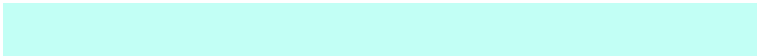
191.5560, -29.8541, 55.6404

Sweetspot

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



164.0700, 13.2765, -105.3014



235.6210, 4.6238, -36.5016



155.9830, -55.2076, -72.7761



116.1390, 2.3965, -22.0469



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.



164.0700, 13.2765, -105.3014



177.1850, 18.6428, -146.6212



132.7430, 43.0177, -77.8276



106.4830, 0.7479, -6.5626



118.0810, 13.2711, -103.5570



31.3340, 3.2863, -27.4799

Inverse Universe

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



99.9300, -13.2765, 105.3014



87.9290, -18.2060, 146.5213



131.2570, -43.0177, 77.8276



102.4030, -1.1847, 6.6626



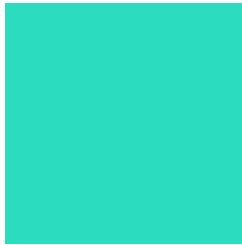
55.0330, -12.8343, 103.4571



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 164.0700, 13.2765, -105.3014 looks on a white background.

Color Contrast Check

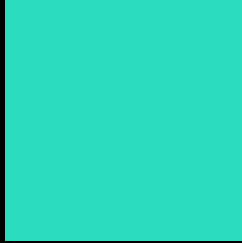
Large Text (above 18pt) WCAG AA × Fail

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 164.0700, 13.2765, -105.3014 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

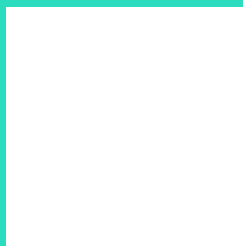
Any Text WCAG AAA ✓ Pass

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

YUV 164.0700, 13.2765, -105.3014 Background



This preview shows how black text looks on a background with the YUV color 164.0700, 13.2765, -105.3014.

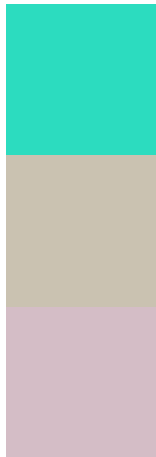


This preview shows how white text looks on a background with the YUV color 164.0700, 13.2765, -105.3014.

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

164.0700, 13.2765, -105.3014

Protanopia

194.4540, -8.6048, 6.6178

Deuteranopia

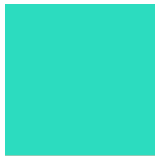
196.9030, 0.5408, 13.2401



Tritanopia

173.5940, 28.7942, -89.0979

Trichromacy



Original Color

164.0700, 13.2765, -105.3014



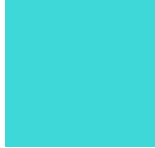
Protanomaly

183.2640, -0.6232, -33.5575



Deuteranomaly

184.7790, 5.0390, -29.6242



Tritanomaly

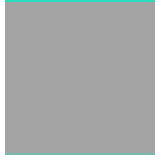
170.0680, 23.1375, -94.7756

Monochromacy



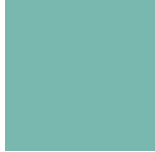
Original Color

164.0700, 13.2765, -105.3014



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.7240, 5.0661, -38.3459

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0700, 13.2765, -105.3014 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(44, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(44, 220, 191)  
}
```

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(44, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 220, 191) }
```

Border

The CSS property to change the border of an element to YUV 164.0700, 13.2765, -105.3014 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

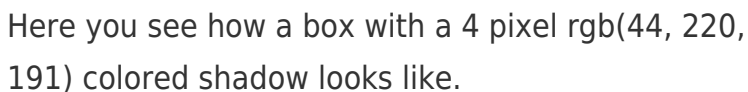
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(44, 220, 191) }
```


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

```
.border{ border-color:rgb(44, 220, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(44, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(44, 220,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 164.0700, 13.2765, -105.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 220, 191) }
```

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

```
.background{ background-color: rgb(44, 220,  
191) }
```

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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