

Converting Colors

YUV(164.1750, -12.9043,
-108.0245)

Have a look what the booklet for
YUV(164.1750, -12.9043, -108.0245)
contains.

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Color

**YUV(164.1750, -12.9043,
-108.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	29E88A
RGB	41, 232, 138
RGB Percent	16%, 91%, 54%
CMY	0.8392, 0.0902, 0.4588
CMYK	0.82, 0.00, 0.41, 0.09
HSL	150°, 81%, 54%
HSV	150°, 82%, 91%
XYZ	34.3585, 60.0196, 33.8188
YIQ	164.1750, -83.6620, -69.7260

Conversions

Conversions Part 2

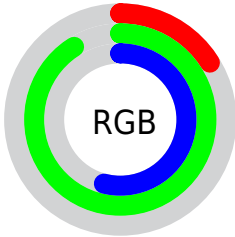
Format	Color
R_{YB}	41, 168, 232
Decimal	2746506
CIE _{Lab}	81.85, -65.58, 33.26
CIE _{LCh}	82, 73.535, 153.108
Yxy	60.0196, 0.2680, 0.4682
Android (android.graphics.Color)	4280936586 (0xFF29E88A)
YUV	164.1750, -12.9043, -108.0245
Hunter-Lab	77.4723, -56.4129, 28.3489

Details

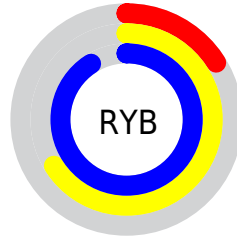
The YUV color **164.1750, -12.9043, -108.0245** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **108.8250, 12.9043, 108.0245**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, -7.6183, -76.6963**, and **112.6430, -12.6420, -98.7879** is the 20% darker color. If you saturate the color by 10%, you get **156.0440, -14.3187, -121.0646**, and if you desaturate by 10%, it is **172.3060, -11.4899, -94.9844**.

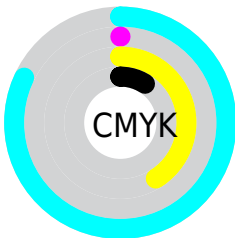
Distribution



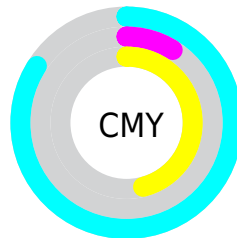
- Red (16%)
- Green (91%)
- Blue (54%)



- Red (16%)
- Yellow (66%)
- Blue (91%)



- Cyan (82%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (84%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1750, -12.9043, -108.0245 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 164.1750, -12.9043, -108.0245 by changing the saturation by 10% instead.

164.1750,
-12.9043, -108.0245

164.1750,
-12.9043, -108.0245

255.0000, 0.0000,
0.0000

131.9290, -9.8250,
-115.7017

207.4530, -7.6183,
-76.6963

112.6430,
-12.6420, -98.7879

220.5120, -0.2524,
-59.2080

93.3570, -15.4590,
-81.8741

233.0870, 7.8451,
-43.0493

74.7720, -18.1286,
-65.5750

243.0400, 5.8963,
-24.5911

56.6600, -21.5244,
-49.6908

252.6080, 1.1793,
-4.9182

39.9160, -19.6786,
-35.0063

26.4150, -13.0226,

-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 164.1750,
-12.9043, -108.0245

■ 164.1750,
-12.9043, -108.0245

■ 156.0440,
-14.3187, -121.0646

■ 172.3060,
-11.4899, -94.9844


■ 149.6360,
-15.5965, -131.2308

■ 180.5510, -9.6386,
-82.0442


■ 188.9810, -8.3716,
-68.3893

■ 197.2260, -6.5204,
-55.4492

 205.3570, -5.1060,
-42.4091

 213.6020, -3.2548,
-29.4690

 221.7330, -1.8404,
-16.4288

 230.1630, -0.5734,
-2.7740

 238.4080, 1.2779,
10.1662

Harmonies

Analogous

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



187.1710, -53.3283, -22.0750



164.1750, -12.9043, -108.0245



162.9450, 22.7051, -142.9028

Triad

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



164.1750, -12.9043, -108.0245



161.9190, 45.8889, -112.1850



179.3430, -23.3401, 66.3512

Complementary

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



164.1750, -12.9043, -108.0245



108.8250, 12.9043, 108.0245

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.



180.5240, 9.1087, 65.3155



164.1750, -12.9043, -108.0245



200.1890, 27.0218, 12.9892

Square

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



164.1750, -12.9043, -108.0245



162.3190, 45.6917, -142.3538



195.1260, 29.5179, 52.5095



189.0360, -54.7407, 57.8504

Rectangle

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



164.1750, -12.9043, -108.0245



167.6020, 43.0872, -146.9870



195.1260, 29.5179, 52.5095



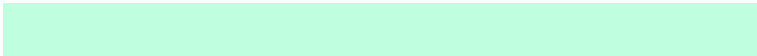
178.2150, -12.4310, 67.3404

Sweetspot

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



164.1750, -12.9043, -108.0245



232.3300, -4.1067, -36.2464



181.8210, -69.4248, -39.3080



114.1730, -2.5503, -22.0767



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.



164.1750, -12.9043, -108.0245



165.5160, -17.0164, -142.5265



174.8910, 28.1547, -117.4224



110.7280, -0.8519, -6.7775



115.4470, -12.0524, -101.2470



32.9010, -3.4022, -28.8542

Inverse Universe

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



108.8250, 12.9043, 108.0245



92.4840, 17.0164, 142.5265



98.1090, -28.1547, 117.4224



107.2720, 0.8519, 6.7775



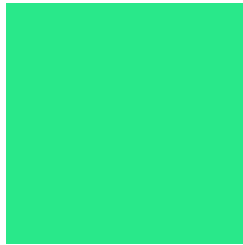
63.5530, 12.0524, 101.2470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 164.1750, -12.9043, -108.0245 looks on a white background.

Color Contrast Check

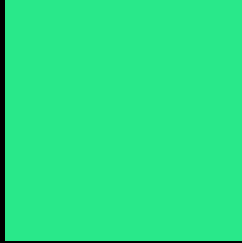
Large Text (above 18pt) WCAG AA × Fail

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 164.1750, -12.9043, -108.0245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

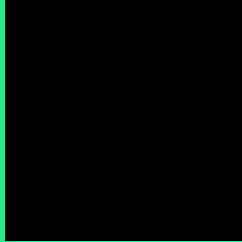
Any Text WCAG AA ✓ Pass

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 164.1750, -12.9043, -108.0245 Background



This preview shows how black text looks on a background with the YUV color 164.1750, -12.9043, -108.0245.



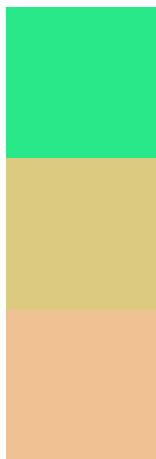
This preview shows how white text looks on a background with the YUV color 164.1750, -12.9043, -108.0245.

-108.0245.

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

164.1750, -12.9043, -108.0245

Protanopia

198.7180, -35.8500, 18.6643

Deuteranopia

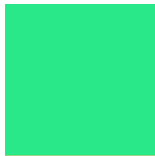
201.5100, -26.8734, 32.8787



Tritanopia

183.7800, 26.7305, -80.4911

Trichromacy



Original Color

164.1750, -12.9043, -108.0245



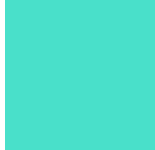
Protanomaly

186.1960, -27.7046, -27.3589



Deuteranomaly

187.8580, -21.6220, -18.2925



Tritanomaly

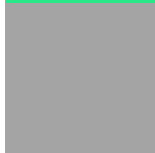
176.3430, 12.6489, -90.6318

Monochromacy



Original Color

164.1750, -12.9043, -108.0245



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1940, -4.5326, -39.6351

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1750, -12.9043, -108.0245 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(41, 232, 138)` looks like.

```
.text, #text, p{  
    color:rgb(41, 232, 138)  
}
```

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(41, 232, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 232, 138) }
```

Border

The CSS property to change the border of an element to YUV 164.1750, -12.9043, -108.0245 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(41, 232, 138) }
```


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

```
.border{ border-color:rgb(41, 232, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 232, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 232, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 232, 138);  
box-shadow:4px 4px 4px 4px rgb(41, 232,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 164.1750, -12.9043, -108.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 232, 138) }
```

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

```
.background{ background-color: rgb(41, 232,  
138) }
```

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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