

Converting Colors

YUV(184.8220, 6.0038,
-105.9609)

Have a look what the booklet for
YUV(184.8220, 6.0038, -105.9609)
contains.

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Color

**YUV(184.8220, 6.0038,
-105.9609)**

Conversions

Conversions Part 1

Format	Color
Hex	40F4C5
RGB	64, 244, 197
RGB Percent	25%, 96%, 77%
CMY	0.7490, 0.0431, 0.2275
CMYK	0.74, 0.00, 0.19, 0.04
HSL	164°, 89%, 60%
HSV	164°, 74%, 96%
XYZ	44.5431, 69.8226, 63.9528
YIQ	184.8220, -92.1930, -52.7770

Conversions

Conversions Part 2

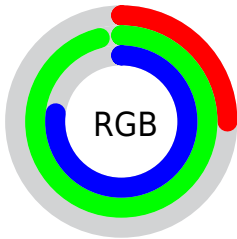
Format	Color
R_{YB}	64, 168, 244
Decimal	4256965
CIE _{Lab}	86.91, -55.20, 9.94
CIE _{LCh}	87, 56.090, 169.795
Yxy	69.8226, 0.2498, 0.3916
Android (android.graphics.Color)	4282447045 (0xFF40F4C5)
YUV	184.8220, 6.0038, -105.9609
Hunter-Lab	83.5599, -51.0773, 13.1142

Details

The YUV color **184.8220, 6.0038, -105.9609** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **123.1780, -6.0038, 105.9609**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3050, 17.1046, -73.0585**, and **126.0710, 8.3460, -110.5643** is the 20% darker color. If you saturate the color by 10%, you get **176.9620, 6.9207, -120.1157**, and if you desaturate by 10%, it is **192.6820, 5.0868, -91.8061**.

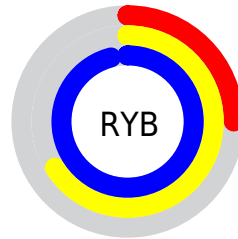
Distribution



Red (25%)

Green (96%)

Blue (77%)



Red (25%)

Yellow (66%)

Blue (96%)

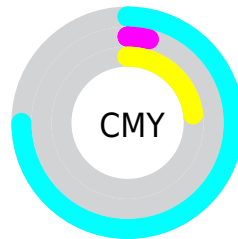


Cyan (74%)

Magenta (0%)

Yellow (19%)

Black (4%)



Cyan (75%)

Magenta (4%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8220, 6.0038, -105.9609 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 184.8220, 6.0038, -105.9609 by changing the saturation by 10% instead.

184.8220, 6.0038,
-105.9609

184.8220, 6.0038,
-105.9609

255.0000, 0.0000,
0.0000

145.5850, 12.0366,
-127.6780

219.3050, 17.1046,
-73.0585

126.0710, 8.3460,
-110.5643

228.9870, 12.8244,
-53.4856

106.7850, 5.5290,
-93.6504

238.2560, 8.2548,
-34.4275

88.0860, 2.4226,
-77.2514

247.8240, 3.5378,
-14.7546

70.0880, -0.5364,
-61.4672

52.3180, -2.6218,
-45.8829

35.8360, -4.8491,

-31.4282

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 184.8220, 6.0038,
-105.9609

■ 184.8220, 6.0038,
-105.9609

■ 176.9620, 6.9207,
-120.1157

■ 192.6820, 5.0868,
-91.8061

■ 168.6890, 7.5483,
-134.7853

■ 200.9550, 4.4592,
-77.1365


■ 163.7480, 8.0122,
-143.6070

■ 208.8150, 3.5422,
-62.9818

■ 216.9740, 2.4778,
-48.2122

 224.9480, 1.9976,
-34.1574

 232.8080, 1.0807,
-20.0026

 241.0810, 0.4531,
-5.3330

 247.7450, 0.1257,
6.3626

 248.4290, 2.7465,
5.7628

Harmonies

Analogous

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



202.5100, -27.3664, -42.5433



184.8220, 6.0038, -105.9609



172.5430, 39.1723, -151.3202

Triad

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



184.8220, 6.0038, -105.9609



210.9330, 21.7250, -14.8502



202.9200, -32.0056, 45.6742

Complementary

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



184.8220, 6.0038, -105.9609



123.1780, -6.0038, 105.9609

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.



199.9460, -7.8614, 48.2824



184.8220, 6.0038, -105.9609



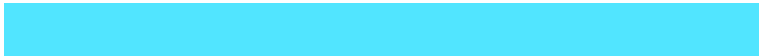
216.8450, 18.8104, 33.4619

Square

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



184.8220, 6.0038, -105.9609



187.7120, 33.1730, -93.5864



206.6890, 15.4363, 42.3687



210.9950, -49.2975, 38.5924

Rectangle

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



184.8220, 6.0038, -105.9609



171.1240, 41.3509, -150.0757



206.6890, 15.4363, 42.3687



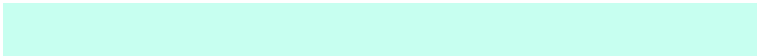
201.5810, -24.4434, 46.8485

Sweetspot

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



184.8220, 6.0038, -105.9609



236.5460, 1.7028, -32.9278



184.0120, -59.1659, -63.1545



116.8080, 1.0807, -20.0026



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.



184.8220, 6.0038, -105.9609



180.4010, 7.6903, -133.6557



165.5260, 38.6877, -89.0383



118.0700, 0.4585, -7.0774



124.9140, 6.4514, -109.5496



39.5350, 1.7082, -34.6722

Inverse Universe

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



123.1780, -6.0038, 105.9609



102.5990, -7.6903, 133.6557



142.4740, -38.6877, 89.0383



113.9300, -0.4585, 7.0774



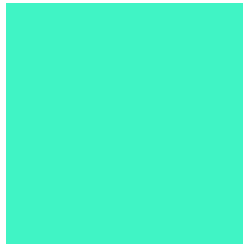
61.2000, -6.0146, 109.4496



19.3510, -2.1450, 34.7722

Previews

White Background



This preview shows how the YUV color 184.8220, 6.0038, -105.9609 looks on a white background.

Color Contrast Check

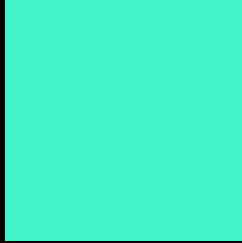
Large Text (above 18pt) WCAG AA × Fail

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 184.8220, 6.0038, -105.9609 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

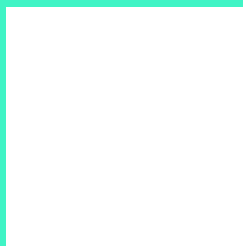
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.8220, 6.0038, -105.9609

Background



This preview shows how black text looks on a background with the YUV color 184.8220, 6.0038, -105.9609.



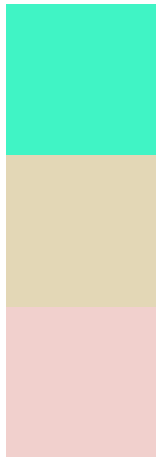
This preview shows how white text looks on a background with the YUV color 184.8220, 6.0038,

-105.9609.

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

184.8220, 6.0038, -105.9609

Protanopia

214.8260, -16.1832, 10.6766

Deuteranopia

217.5250, -6.1748, 20.5876



Tritanopia

196.0070, 29.0835, -88.5831

Trichromacy



Original Color

184.8220, 6.0038, -105.9609



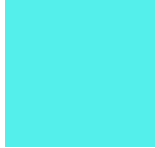
Protanomaly

204.2120, -8.4855, -31.7579



Deuteranomaly

205.6780, -1.8133, -25.1506



Tritanomaly

192.0850, 20.6641, -94.7905

Monochromacy



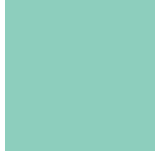
Original Color

184.8220, 6.0038, -105.9609



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.6270, 2.1559, -38.2609

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8220, 6.0038, -105.9609 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(64, 244, 197)` looks like.

```
.text, #text, p{  
    color:rgb(64, 244, 197)  
}
```

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(64, 244, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 244, 197) }
```

Border

The CSS property to change the border of an element to YUV 184.8220, 6.0038, -105.9609 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(64, 244, 197) }
```


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

```
.border{ border-color:rgb(64, 244, 197) }
```

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

Here you see how a box with a 4 pixel rgb(64, 244, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 244, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 244, 197);  
box-shadow:4px 4px 4px 4px rgb(64, 244,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 184.8220, 6.0038, -105.9609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 244, 197) }
```

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

```
.background{ background-color: rgb(64, 244,  
197) }
```

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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