

Converting Colors

YUV(184.4000, 26.4248,
-75.7728)

Have a look what the booklet for
YUV(184.4000, 26.4248, -75.7728)
contains.

YUV(184.4000, 26.4248, -75.7728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(184.4000, 26.4248,
-75.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	62DAEE
RGB	98, 218, 238
RGB Percent	38%, 85%, 93%
CMY	0.6157, 0.1451, 0.0667
CMYK	0.59, 0.08, 0.00, 0.07
HSL	189°, 80%, 66%
HSV	189°, 59%, 93%
XYZ	45.5410, 58.9125, 89.8599
YIQ	184.4000, -77.9400, -19.2200

Conversions

Conversions Part 2

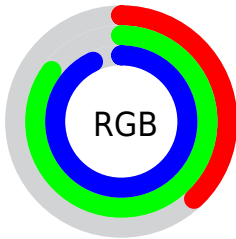
Format	Color
R_{YB}	98, 163, 238
Decimal	6478574
CIE _{Lab}	81.24, -27.90, -19.94
CIE _{LCh}	81, 34.292, 215.552
Yxy	58.9125, 0.2344, 0.3032
Android (android.graphics.Color)	4284668654 (0xFF62DAEE)
YUV	184.4000, 26.4248, -75.7728
Hunter-Lab	76.7545, -28.4103, -15.6853

Details

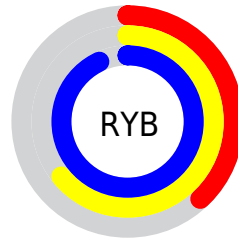
The YUV color **184.4000, 26.4248, -75.7728** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.6000, -26.4248, 75.7728**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, 14.0037, -58.4038**, and **118.2230, 31.4421, -98.4196** is the 20% darker color. If you saturate the color by 10%, you get **175.4630, 30.8307, -88.9831**, and if you desaturate by 10%, it is **193.3370, 22.0189, -62.5625**.

Distribution



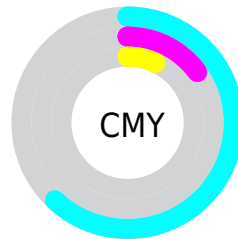
- Red (38%)
- Green (85%)
- Blue (93%)



- Red (38%)
- Yellow (64%)
- Blue (93%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.4000, 26.4248, -75.7728 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 184.4000, 26.4248, -75.7728 by changing the saturation by 10% instead.

184.4000, 26.4248,
-75.7728

184.4000, 26.4248,
-75.7728

255.0000, 0.0000,
0.0000

154.3070, 27.4566,
-80.0762

226.5950, 14.0037,
-58.4038

118.2230, 31.4421,
-98.4196

235.5650, 9.5815,
-39.9605

97.5020, 28.3465,
-85.5093

244.8340, 5.0118,
-20.9024

79.8630, 24.2245,
-70.0399

253.8040, 0.5896,
-2.4591

62.3380, 20.5394,
-54.6704

45.5140, 17.0016,
-39.9158

29.9780, 13.3218,

-26.2907

■ 10.5610, 12.5414,
-9.2620

■ 1.3680, 5.2416,
-1.1997

■ 184.4000, 26.4248,
-75.7728

■ 184.4000, 26.4248,
-75.7728

■ 175.4630, 30.8307,
-88.9831

■ 193.3370, 22.0189,
-62.5625

■ 165.9390, 35.5261,
-101.6785

■ 202.8610, 17.3235,
-49.8671

■ 157.3010, 39.7846,
-114.2740

■ 211.4990, 13.0650,
-37.2716

■ 147.7770, 44.4799,
-126.9694

■ 221.0230, 8.3697,
-24.5762

■ 146.8800, 44.9222,
-128.8138

■ 229.9600, 3.9637,
-11.3659

■ 238.8970, -0.4422,
1.8443

■ 245.4310, -3.6635,
8.3920

■ 247.1920, -4.5317,
6.8476

■ 249.5400, -5.6892,
4.7884

Harmonies

Analogous

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



186.2260, 10.2416, -65.0962



184.4000, 26.4248, -75.7728



190.2910, 31.9015, -59.0142

Triad

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



184.4000, 26.4248, -75.7728



207.0920, 10.8006, 35.8763



199.4880, -30.3136, 16.2350

Complementary

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



184.4000, 26.4248, -75.7728



151.6000, -26.4248, 75.7728

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.



202.3860, -28.7843, 39.1265



184.4000, 26.4248, -75.7728



203.1890, -3.0512, 45.4382

Square

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



184.4000, 26.4248, -75.7728



205.0590, 24.1279, 7.8413



202.0030, -17.7495, 46.4784



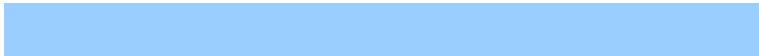
195.8590, -23.1015, -10.4003

Rectangle

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



184.4000, 26.4248, -75.7728



195.7390, 29.2157, -37.4821



202.0030, -17.7495, 46.4784



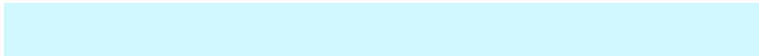
200.4290, -30.7775, 25.0568

Sweetspot

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



184.4000, 26.4248, -75.7728



237.1370, 8.8065, -24.6761



182.3460, -32.2156, -73.9714



116.3940, 5.7218, -15.2545



0.0000, 0.0000, 0.0000



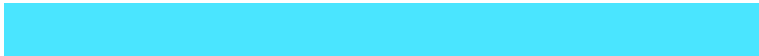
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



184.4000, 26.4248, -75.7728



185.6190, 34.2048, -97.8899



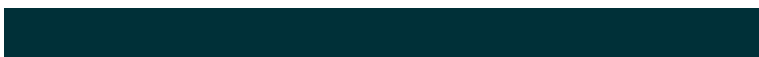
143.8970, 46.3928, -40.2517



115.2380, 2.3477, -6.3477



113.1350, 34.9364, -99.2194



34.5600, 10.5699, -30.3091

Inverse Universe

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



153.5400, 31.7788, 74.0714



145.7890, 41.0230, 95.7780



192.1030, -46.3928, 40.2517



112.7280, 2.5991, 6.3775



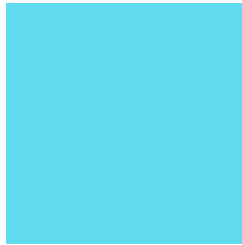
72.9140, 41.4544, 97.4224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 184.4000, 26.4248, -75.7728 looks on a white background.

Color Contrast Check

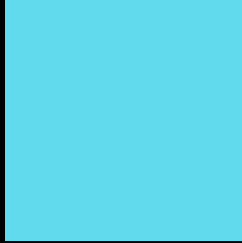
Large Text (above 18pt) WCAG AA × Fail

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 184.4000, 26.4248, -75.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

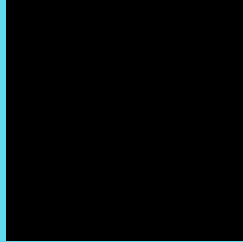
Any Text WCAG AA ✓ Pass

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 184.4000, 26.4248, -75.7728 Background



This preview shows how black text looks on a background with the YUV color 184.4000, 26.4248, -75.7728.



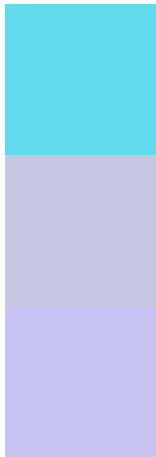
This preview shows how white text looks on a background with the YUV color 184.4000, 26.4248, -75.7728.

-75.7728.

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

184.4000, 26.4248, -75.7728

Protanopia

201.4800, 12.0884, -3.9290

Deuteranopia

202.2550, 20.0873, -2.8546



Tritanopia

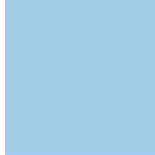
183.8730, 25.6986, -76.1876

Trichromacy



Original Color

184.4000, 26.4248, -75.7728



Protanomaly

195.2810, 17.1165, -30.0644



Deuteranomaly

195.6600, 22.3526, -29.5198



Tritanomaly

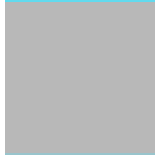
183.9870, 26.1354, -76.2876

Monochromacy



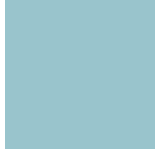
Original Color

184.4000, 26.4248, -75.7728



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.4000, 26.4248, -75.7728 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(98, 218, 238)` looks like.

```
.text, #text, p{  
    color:rgb(98, 218, 238)  
}
```

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(98, 218, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 218, 238) }
```

Border

The CSS property to change the border of an element to YUV 184.4000, 26.4248, -75.7728 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(98, 218, 238) }
```


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

```
.border{ border-color:rgb(98, 218, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 218, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 218, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 218, 238);  
box-shadow:4px 4px 4px 4px rgb(98, 218,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 184.4000, 26.4248, -75.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 218, 238) }
```

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

```
.background{ background-color: rgb(98, 218,  
238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor