

Converting Colors

YUV(204.2560, 8.2548,
-34.4275)

Have a look what the booklet for
YUV(204.2560, 8.2548, -34.4275)
contains.

YUV(204.2560, 8.2548, -34.4275)	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(204.2560, 8.2548,
-34.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DDDD
RGB	165, 221, 221
RGB Percent	65%, 87%, 87%
CMY	0.3529, 0.1333, 0.1333
CMYK	0.25, 0.00, 0.00, 0.13
HSL	180°, 45%, 76%
HSV	180°, 25%, 87%
XYZ	54.4246, 64.9327, 78.0714
YIQ	204.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

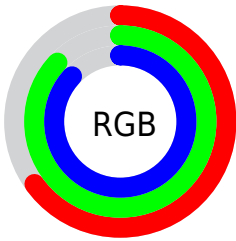
Format	Color
R _{YB}	165, 193, 221
Decimal	10870237
CIE Lab	84.45, -17.77, -5.82
CIE LCh	84, 18.700, 198.135
Yxy	64.9327, 0.2757, 0.3289
Android (android.graphics.Color)	4289060317 (0xFFA5DDDD)
YUV	204.2560, 8.2548, -34.4275
Hunter-Lab	80.5808, -20.4568, -1.0370

Details

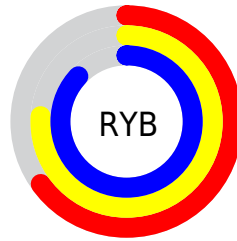
The YUV color $204.2560, 8.2548, -34.4275$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $181.7440, -8.2548, 34.4275$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8340, 5.0118, -20.9024$, and $149.5550, 8.1074, -33.8127$ is the 20% darker color. If you saturate the color by 10%, you get $197.6780, 11.4977, -47.9526$, and if you desaturate by 10%, it is $210.8340, 5.0118, -20.9024$.

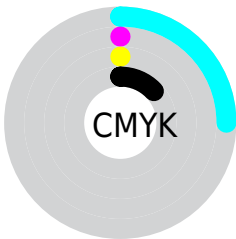
Distribution



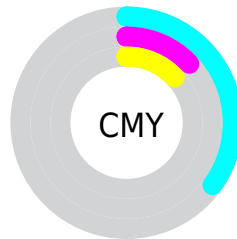
- Red (65%)
- Green (87%)
- Blue (87%)



- Red (65%)
- Yellow (76%)
- Blue (87%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2560, 8.2548, -34.4275 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 204.2560, 8.2548, -34.4275 by changing the saturation by 10% instead.

■ 204.2560, 8.2548,
-34.4275

■ 204.2560, 8.2548,
-34.4275

255.0000, 0.0000,
0.0000

■ 176.5550, 8.1074,
-33.8127

■ 244.8340, 5.0118,
-20.9024

■ 149.5550, 8.1074,
-33.8127

■ 253.5050, 0.7370,
-3.0739

■ 122.9680, 8.3968,
-33.2979

■ 97.8540, 7.9600,
-33.1980

■ 72.3700, 8.6916,
-34.5275

■ 46.2660, 9.7289,
-40.5753

■ 30.2570, 6.7753,

-26.5354

■ 16.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 204.2560, 8.2548,
-34.4275

■ 204.2560, 8.2548,
-34.4275

■ 197.6780, 11.4977,
-47.9526

■ 210.8340, 5.0118,
-20.9024

■ 191.1000, 14.7407,
-61.4777

■ 217.4120, 1.7689,
-7.3773

■ 184.5220, 17.9837,
-75.0028

■ 223.9900, -1.4741,
6.1478

■ 177.9440, 21.2266,
-88.5279

■ 230.5680, -4.7170,
19.6729

■ 171.3660, 24.4696,
-102.0530

■ 231.1660, -5.0118,
20.9024

■ 164.4890, 27.8599,
-116.1929

■ 157.9110, 31.1029,
-129.7179

■ 154.9210, 32.5769,
-135.8657

Harmonies

Analogous

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



205.1940, -1.0816, -26.4801



204.2560, 8.2548, -34.4275



205.6890, 14.9433, -33.0533

Triad

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



204.2560, 8.2548, -34.4275



213.7100, 10.0030, 11.6553



211.0550, -16.7891, 18.3688

Complementary

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



204.2560, 8.2548, -34.4275



181.7440, -8.2548, 34.4275

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.



212.6200, -13.6167, 27.5203



204.2560, 8.2548, -34.4275



214.0230, 1.9607, 24.5358

Square

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



204.2560, 8.2548, -34.4275



211.7940, 15.8776, -5.9583



213.7650, -6.7861, 30.0241



208.8960, -15.7247, 3.5992

Rectangle

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



204.2560, 8.2548, -34.4275



207.4170, 17.5424, -26.6757



213.7650, -6.7861, 30.0241



211.6040, -16.0738, 22.2723

Sweetspot

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



204.2560, 8.2548, -34.4275



249.0200, 2.9481, -12.2955



197.8720, -16.2059, -28.8287



124.1130, 1.9163, -7.9921



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.



204.2560, 8.2548, -34.4275



232.2760, 11.2029, -46.7231



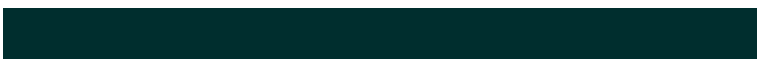
187.8200, 16.3577, -20.0131



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



188.1280, 16.2059, 28.8287



210.3880, 21.9937, 39.1247



198.1800, -16.3577, 20.0131



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 204.2560, 8.2548, -34.4275 looks on a white background.

Color Contrast Check

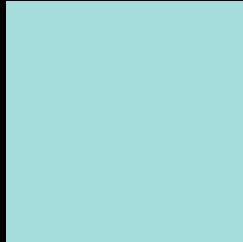
Large Text (above 18pt) WCAG AA × Fail

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 204.2560, 8.2548, -34.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

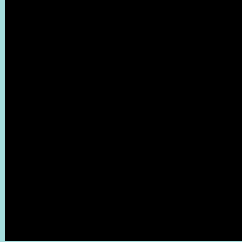
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

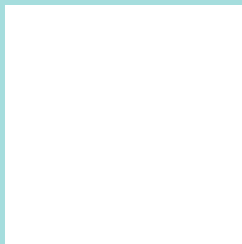
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.2560, 8.2548, -34.4275

Background



This preview shows how black text looks on a background with the YUV color 204.2560, 8.2548, -34.4275.



This preview shows how white text looks on a background with the YUV color 204.2560, 8.2548, -34.4275.

-34.4275.

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

204.2560, 8.2548, -34.4275

Protanopia

210.7660, 1.5944, 1.9592

Deuteranopia

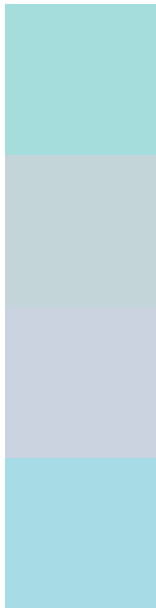
212.3740, 6.2246, 10.1960



Tritanopia

205.6890, 14.9433, -33.0533

Trichromacy



Original Color

204.2560, 8.2548, -34.4275

Protanomaly

208.3730, 4.2531, -10.8511

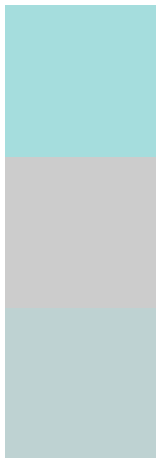
Deuteranomaly

209.5030, 7.1470, -5.7031

Tritanomaly

205.4070, 12.6173, -33.6829

Monochromacy



Original Color

204.2560, 8.2548, -34.4275

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2560, 8.2548, -34.4275 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(165, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(165, 221, 221)  
}
```

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(165, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 221, 221) }
```

Border

The CSS property to change the border of an element to YUV 204.2560, 8.2548, -34.4275 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(165, 221, 221) }
```


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

```
.border{ border-color:rgb(165, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(165, 221,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 204.2560, 8.2548, -34.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 221, 221) }
```

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

```
.background{ background-color: rgb(165,  
221, 221) }
```

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