

Converting Colors

YUV(205.3590, 8.6970,
-36.2718)

Have a look what the booklet for
YUV(205.3590, 8.6970, -36.2718)
contains.

YUV(205.3590, 8.6970, -36.2718)	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(205.3590, 8.6970,
-36.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	A4DFDF
RGB	164, 223, 223
RGB Percent	64%, 87%, 87%
CMY	0.3569, 0.1255, 0.1255
CMYK	0.26, 0.00, 0.00, 0.13
HSL	180°, 48%, 76%
HSV	180°, 26%, 87%
XYZ	55.0168, 65.9956, 79.6508
YIQ	205.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

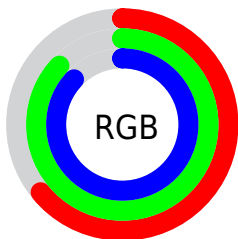
Format	Color
RYB	164, 194, 223
Decimal	10805215
CIELab	84.99, -18.62, -6.08
CIELCh	85, 19.588, 198.082
Yxy	65.9956, 0.2742, 0.3289
Android (android.graphics.Color)	4288995295 (0xFFA4DFDF)
YUV	205.3590, 8.6970, -36.2718
Hunter-Lab	81.2377, -21.2799, -1.2655

Details

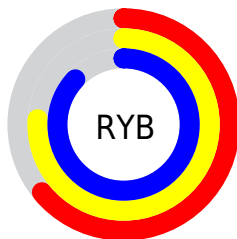
The YUV color $205.3590, 8.6970, -36.2718$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $181.6410, -8.6970, 36.2718$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5350, 5.1592, -21.5172$, and $150.6580, 8.5496, -35.6571$ is the 20% darker color. If you saturate the color by 10%, you get $198.7810, 11.9400, -49.7969$, and if you desaturate by 10%, it is $211.9370, 5.4541, -22.7467$.

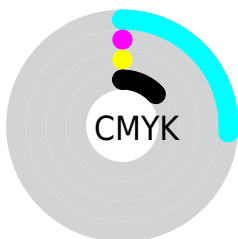
Distribution



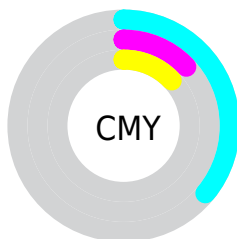
- Red (64%)
- Green (87%)
- Blue (87%)



- Red (64%)
- Yellow (76%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.3590, 8.6970, -36.2718 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 205.3590, 8.6970, -36.2718 by changing the saturation by 10% instead.

■ 205.3590, 8.6970,
-36.2718

■ 205.3590, 8.6970,
-36.2718

■ 255.0000, 0.0000,
0.0000

■ 177.6580, 8.5496,
-35.6571

■ 244.5350, 5.1592,
-21.5172

■ 150.6580, 8.5496,
-35.6571

■ 253.2060, 0.8844,
-3.6887

■ 123.9570, 8.4022,
-35.0423

■ 98.6580, 8.5496,
-35.6571

■ 73.0600, 8.8444,
-36.8866

■ 47.0810, 10.3131,
-41.2900

■ 31.6590, 7.0701,

-27.7649

■ 18.1120, 3.3958,
-15.8842

■ 0.0000, 0.0000,
0.0000

■ 205.3590, 8.6970,
-36.2718

■ 205.3590, 8.6970,
-36.2718

■ 198.7810, 11.9400,
-49.7969

■ 211.9370, 5.4541,
-22.7467

■ 191.9040, 15.3303,
-63.9368

■ 218.8140, 2.0637,
-8.6069

■ 185.3260, 18.5733,
-77.4619

■ 225.3920, -1.1793,
4.9182

■ 178.7480, 21.8162,
-90.9870

■ 231.9700, -4.4222,
18.4433

■ 172.1700, 25.0592,
-104.5121

■ 232.5680, -4.7170,
19.6729

■ 165.2930, 28.4496,
-118.6520

■ 158.7150, 31.6925,
-132.1771

■ 156.3230, 32.8718,
-137.0953

Harmonies

Analogous

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



206.4820, -1.2236, -27.6097



205.3590, 8.6970, -36.2718



206.9060, 15.8223, -34.9976

Triad

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



205.3590, 8.6970, -36.2718



215.2370, 10.7292, 12.0702



212.1260, -17.8101, 19.1835

Complementary

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



205.3590, 8.6970, -36.2718



181.6410, -8.6970, 36.2718

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.



214.1040, -14.3483, 28.8498



205.3590, 8.6970, -36.2718



215.7350, 2.1026, 25.6654

Square

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



205.3590, 8.6970, -36.2718



213.0220, 16.7512, -6.1583



215.4770, -6.6442, 31.1537



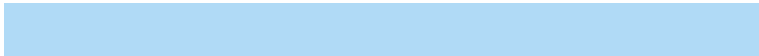
210.6680, -16.5983, 3.7992

Rectangle

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



205.3590, 8.6970, -36.2718



208.6340, 18.4214, -28.6200



215.4770, -6.6442, 31.1537



212.6750, -17.0948, 23.0870

Sweetspot

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



205.3590, 8.6970, -36.2718



249.0200, 2.9481, -12.2955



198.6330, -17.0741, -30.3731



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.



205.3590, 8.6970, -36.2718



230.4820, 12.0874, -50.4117



188.3360, 17.0894, -21.3427



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Inverse Universe

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



188.3670, 17.0741, 30.3731



206.8660, 23.7301, 42.2135



199.2510, -17.3787, 20.8279



105.5430, 3.1833, 5.6628



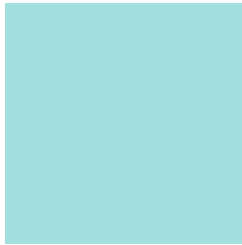
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 205.3590, 8.6970, -36.2718 looks on a white background.

Color Contrast Check

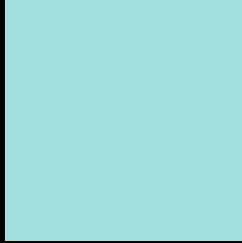
Large Text (above 18pt) WCAG AA × Fail

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 205.3590, 8.6970, -36.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

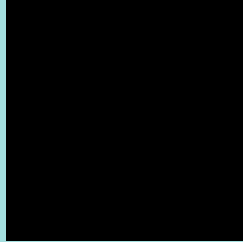
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.3590, 8.6970, -36.2718

Background



This preview shows how black text looks on a background with the YUV color 205.3590, 8.6970, -36.2718.



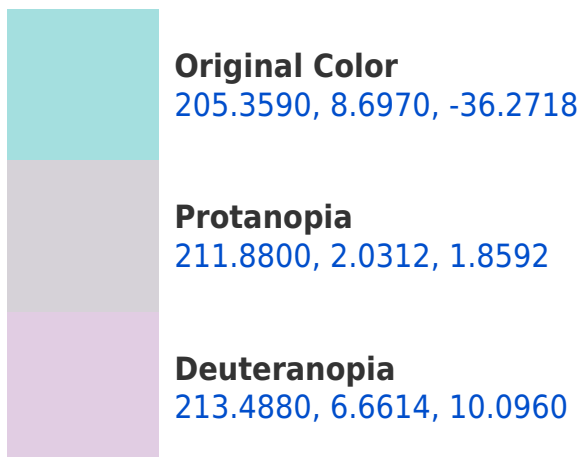
This preview shows how white text looks on a background with the YUV color 205.3590, 8.6970,

-36.2718.

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

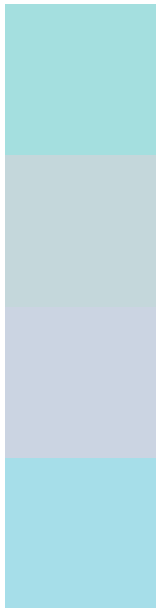




Tritanopia

206.7920, 15.3855, -34.8976

Trichromacy



Original Color

205.3590, 8.6970, -36.2718

Protanomaly

209.7750, 4.5479, -12.0807

Deuteranomaly

210.9050, 7.4418, -6.9327

Tritanomaly

206.5100, 13.0596, -35.5273

Monochromacy



Original Color

205.3590, 8.6970, -36.2718

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.4220, 3.2430, -13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.3590, 8.6970, -36.2718 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(164, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(164, 223, 223)  
}
```

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(164, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 223, 223) }
```

Border

The CSS property to change the border of an element to YUV 205.3590, 8.6970, -36.2718 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(164, 223, 223) }
```


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

```
.border{ border-color:rgb(164, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 223, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 223, 223); box-shadow:4px 4px 4px 4px rgb(164, 223, 223) }
```

Background

The CSS property to change the background color of an element to YUV 205.3590, 8.6970, -36.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 223, 223) }
```

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

```
.background{ background-color: rgb(164,  
223, 223) }
```

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