

Converting Colors

YUV(209.3060, 15.6251,
-65.1664)

Have a look what the booklet for
YUV(209.3060, 15.6251, -65.1664)
contains.

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Color

**YUV(209.3060, 15.6251,
-65.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	87F1F1
RGB	135, 241, 241
RGB Percent	53%, 95%, 95%
CMY	0.4706, 0.0549, 0.0549
CMYK	0.44, 0.00, 0.00, 0.05
HSL	180°, 79%, 74%
HSV	180°, 44%, 95%
XYZ	57.3242, 74.4124, 94.5608
YIQ	209.3060, -63.1760, -22.4720

Conversions

Conversions Part 2

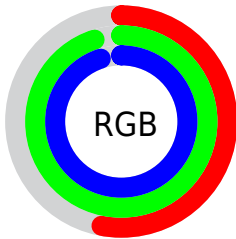
Format	Color
RYB	135, 188, 241
Decimal	8909297
CIELab	89.12, -30.65, -9.58
CIElCh	89, 32.108, 197.358
Yxy	74.4124, 0.2533, 0.3288
Android (android.graphics.Color)	4287099377 (0xFF87F1F1)
YUV	209.3060, 15.6251, -65.1664
Hunter-Lab	86.2626, -32.3408, -4.6097

Details

The YUV color **209.3060, 15.6251, -65.1664** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.6940, -15.6251, 65.1664**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **152.1100, 16.2148, -67.6255** is the 20% darker color. If you saturate the color by 10%, you get **202.1300, 19.1629, -79.9210**, and if you desaturate by 10%, it is **216.4820, 12.0874, -50.4117**.

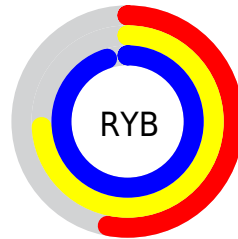
Distribution



Red (53%)

Green (95%)

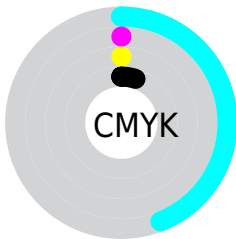
Blue (95%)



Red (53%)

Yellow (74%)

Blue (95%)

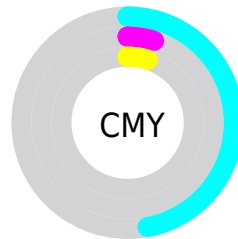


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (47%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3060, 15.6251, -65.1664 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 209.3060, 15.6251, -65.1664 by changing the saturation by 10% instead.

209.3060, 15.6251,
-65.1664

209.3060, 15.6251,
-65.1664

255.0000, 0.0000,
0.0000

180.4200, 16.0619,
-65.2663

236.7610, 8.9918,
-37.5014

152.1100, 16.2148,
-67.6255

245.4320, 4.7170,
-19.6729

121.8320, 17.8308,
-72.6437

254.7010, 0.1474,
-0.6148

91.9450, 19.7471,
-80.6358

73.8330, 16.3513,
-64.7515

57.0090, 12.8136,
-49.9969

40.2990, 9.7126,

-35.3422

■ 25.4640, 6.1802,
-22.3319

■ 2.6390, 7.5730,
-2.3144

■ 209.3060, 15.6251,
-65.1664

■ 209.3060, 15.6251,
-65.1664

■ 202.1300, 19.1629,
-79.9210

■ 216.4820, 12.0874,
-50.4117

■ 194.9540, 22.7007,
-94.6757

■ 223.6580, 8.5496,
-35.6571

■ 187.7780, 26.2384,
-109.4303

■ 230.8340, 5.0118,
-20.9024

■ 180.6020, 29.7762,
-124.1850

■ 238.0100, 1.4741,
-6.1478

■ 173.4260, 33.3140,
-138.9396

■ 245.1860, -2.0637,
8.6069

■ 168.9410, 35.5251,
-148.1613

Harmonies

Analogous

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



212.2470, -1.6008, -46.6976



209.3060, 15.6251, -65.1664



209.7390, 22.3137, -63.7921

Triad

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



209.3060, 15.6251, -65.1664



227.0900, 13.7596, 20.0921



222.4340, -28.3150, 28.5604

Complementary

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



209.3060, 15.6251, -65.1664



166.6940, -15.6251, 65.1664

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.



218.8610, -19.1585, 31.6939



209.3060, 15.6251, -65.1664



222.5380, 7.6228, 28.4692

Square

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



209.3060, 15.6251, -65.1664



221.8860, 16.3252, -9.5470



218.4170, -5.6286, 32.0833



220.8180, -27.5183, 6.2986

Rectangle

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



209.3060, 15.6251, -65.1664



212.1860, 21.1073, -50.1521



218.4170, -5.6286, 32.0833



221.0150, -26.1364, 29.8048

Sweetspot

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



209.3060, 15.6251, -65.1664



245.1330, 4.8644, -20.2876



197.2220, -30.6754, -54.5687



121.7210, 3.0955, -12.9103



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.



209.3060, 15.6251, -65.1664



214.6350, 19.8999, -82.9949



178.1950, 30.9629, -37.8820



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

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



178.7780, 30.6754, 54.5687



175.7550, 39.0678, 69.4979



197.8050, -30.9629, 37.8820



112.9560, 3.4727, 6.1776



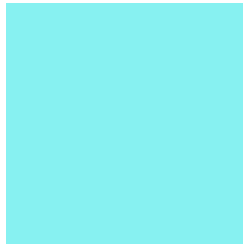
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 209.3060, 15.6251, -65.1664 looks on a white background.

Color Contrast Check

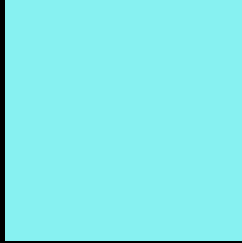
Large Text (above 18pt) WCAG AA × Fail

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 209.3060, 15.6251, -65.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

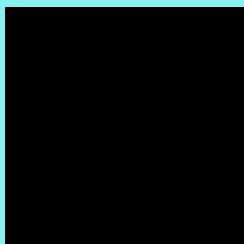
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

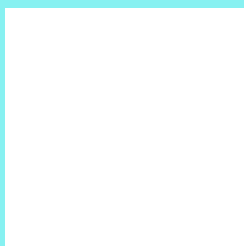
Any Text WCAG AAA ✓ Pass

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

YUV 209.3060, 15.6251, -65.1664 Background



This preview shows how black text looks on a background with the YUV color 209.3060, 15.6251, -65.1664.



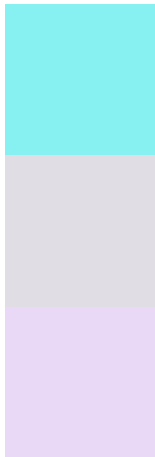
This preview shows how white text looks on a background with the YUV color 209.3060, 15.6251, -65.1664.

-65.1664.

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

209.3060, 15.6251, -65.1664

Protanopia

223.1080, 2.9048, 1.6593

Deuteranopia

225.0900, 10.3086, 6.9371



Tritanopia

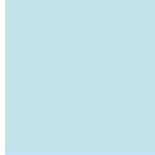
212.7400, 20.8342, -55.9000

Trichromacy



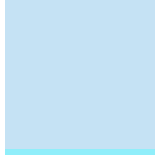
Original Color

209.3060, 15.6251, -65.1664



Protanomaly

217.8060, 7.4906, -22.6319



Deuteranomaly

219.3810, 12.1372, -19.6281



Tritanomaly

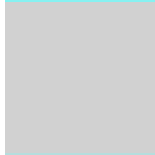
211.2620, 19.0978, -58.9888

Monochromacy



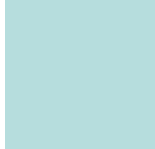
Original Color

209.3060, 15.6251, -65.1664



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.3390, 5.7489, -23.9763

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3060, 15.6251, -65.1664 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(135, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(135, 241, 241)  
}
```

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(135, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 241, 241) }
```

Border

The CSS property to change the border of an element to YUV 209.3060, 15.6251, -65.1664 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(135, 241, 241) }
```


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

```
.border{ border-color:rgb(135, 241, 241) }
```

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

Here you see how a box with a 4 pixel rgb(135, 241, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(135, 241,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 209.3060, 15.6251, -65.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 241, 241) }
```

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

```
.background{ background-color: rgb(135,  
241, 241) }
```

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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