

Converting Colors

YUV(204.9250, 13.3480,
-81.4952)

Have a look what the booklet for
YUV(204.9250, 13.3480, -81.4952)
contains.

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Color

**YUV(204.9250, 13.3480,
-81.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	70F7E8
RGB	112, 247, 232
RGB Percent	44%, 97%, 91%
CMY	0.5608, 0.0314, 0.0902
CMYK	0.55, 0.00, 0.06, 0.03
HSL	173°, 89%, 70%
HSV	173°, 55%, 97%
XYZ	54.5083, 75.7925, 88.1005
YIQ	204.9250, -75.6450, -33.2850

Conversions

Conversions Part 2

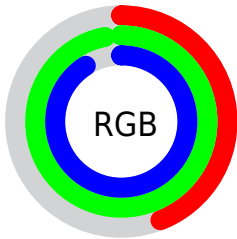
Format	Color
R _Y B	112, 183, 247
Decimal	7403496
CIE Lab	89.76, -40.46, -4.02
CIE LCh	90, 40.662, 185.670
Yxy	75.7925, 0.2496, 0.3470
Android (android.graphics.Color)	4285593576 (0xFF70F7E8)
YUV	204.9250, 13.3480, -81.4952
Hunter-Lab	87.0589, -40.5926, 0.9419

Details

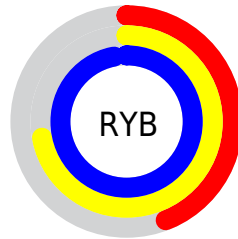
The YUV color **204.9250, 13.3480, -81.4952** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **154.0750, -13.3480, 81.4952**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **143.2550, 16.1433, -91.4316** is the 20% darker color. If you saturate the color by 10%, you get **197.1080, 15.7228, -96.5647**, and if you desaturate by 10%, it is **212.7420, 10.9732, -66.4257**.

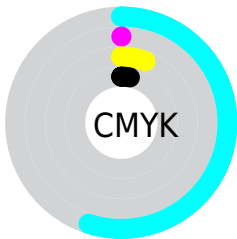
Distribution



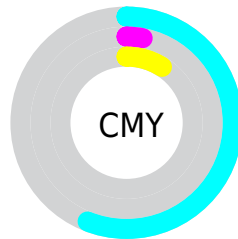
- Red (44%)
- Green (97%)
- Blue (91%)



- Red (44%)
- Yellow (72%)
- Blue (97%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (56%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9250, 13.3480, -81.4952 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 204.9250, 13.3480, -81.4952 by changing the saturation by 10% instead.

204.9250, 13.3480,
-81.4952

204.9250, 13.3480,
-81.4952

255.0000, 0.0000,
0.0000

174.8430, 14.3744,
-84.0543

230.4820, 12.0874,
-50.4117

143.2550, 16.1433,
-91.4316

239.7510, 7.5178,
-31.3536

112.7810, 18.3490,
-98.9089

248.7210, 3.0955,
-12.9103

93.9680, 14.8058,
-82.4099

75.8560, 11.4100,
-66.5257

58.4450, 8.1616,
-51.2563

41.2620, 5.7868,

-36.1868

■ 27.1280, 2.4019,
-23.7913

■ 1.0260, 3.9312,
-0.8998

■ 204.9250, 13.3480,
-81.4952

■ 204.9250, 13.3480,
-81.4952

■ 197.1080, 15.7228,
-96.5647

■ 212.7420, 10.9732,
-66.4257

■ 189.7040, 18.3869,
-111.1194

■ 220.1460, 8.3090,
-51.8710

■ 181.8870, 20.7617,
-126.1889

■ 227.9630, 5.9342,
-36.8016

■ 174.0700, 23.1365,
-141.2584

■ 235.7800, 3.5595,
-21.7321

■ 170.0690, 24.6160,
-149.1505

■ 243.2980, 1.3321,
-7.2773

■ 249.5060, -0.7425,
4.8182

■ 249.8480, 0.5679,
4.5183

■ 250.1900, 1.8783,
4.2184

■ 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



212.0590, -9.8891, -48.2867



204.9250, 13.3480, -81.4952



200.0940, 27.0687, -95.6754

Triad

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



204.9250, 13.3480, -81.4952



225.8610, 14.3655, 12.3999



218.4730, -30.7992, 32.0342

Complementary

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



204.9250, 13.3480, -81.4952



154.0750, -13.3480, 81.4952

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.



214.9800, -16.2591, 35.0975



204.9250, 13.3480, -81.4952



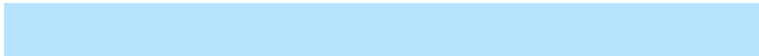
223.3020, 15.6271, 27.7991

Square

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



204.9250, 13.3480, -81.4952



217.3350, 18.5688, -29.2348



216.3770, 1.7861, 33.8724



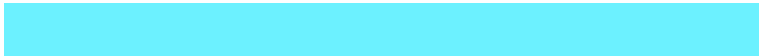
222.7890, -36.8710, 19.4790

Rectangle

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



204.9250, 13.3480, -81.4952



202.8290, 25.7203, -83.1650



216.3770, 1.7861, 33.8724



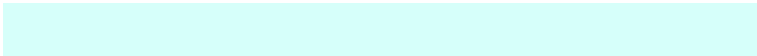
216.9230, -26.5840, 33.3935

Sweetspot

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



204.9250, 13.3480, -81.4952



242.1710, 3.8597, -24.7060



196.0290, -41.4263, -59.6614



120.1830, 2.3748, -15.0695



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.



204.9250, 13.3480, -81.4952



202.6020, 16.4652, -101.3830



176.1110, 34.9483, -56.2253



118.2980, 1.3321, -7.2773



127.9920, 18.2449, -112.2490



40.5610, 5.6394, -35.5720

Inverse Universe

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



154.0750, -13.3480, 81.4952



139.2840, -16.9020, 101.4829



182.8890, -34.9483, 56.2253



113.8160, -0.8953, 7.1774



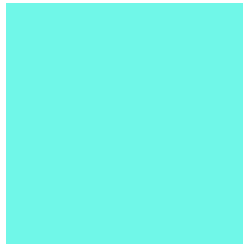
58.0080, -18.2449, 112.2490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 204.9250, 13.3480, -81.4952 looks on a white background.

Color Contrast Check

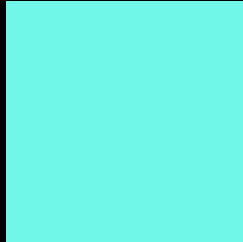
Large Text (above 18pt) WCAG AA × Fail

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 204.9250, 13.3480, -81.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

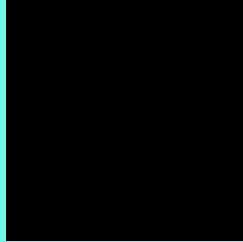
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.9250, 13.3480, -81.4952

Background



This preview shows how black text looks on a background with the YUV color 204.9250, 13.3480, -81.4952.



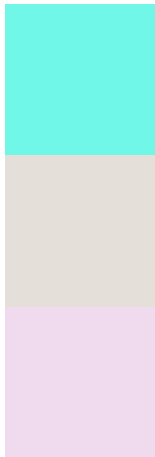
This preview shows how white text looks on a background with the YUV color 204.9250, 13.3480, -81.4952.

-81.4952.

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

204.9250, 13.3480, -81.4952

Protanopia

224.2240, -3.0684, 4.1886

Deuteranopia

226.5590, 5.6404, 10.9108



Tritanopia

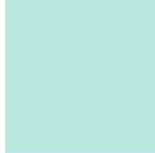
214.2130, 20.1080, -56.3148

Trichromacy



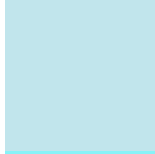
Original Color

204.9250, 13.3480, -81.4952



Protanomaly

217.2200, 2.8495, -27.3799



Deuteranomaly

219.0340, 8.3642, -22.8318



Tritanomaly

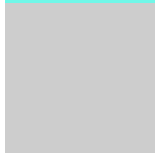
210.8760, 17.8091, -65.6663

Monochromacy



Original Color

204.9250, 13.3480, -81.4952



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.7790, 5.0390, -29.6242

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9250, 13.3480, -81.4952 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(112, 247, 232)` looks like.

```
.text, #text, p{  
    color:rgb(112, 247, 232)  
}
```

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(112, 247, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 247, 232) }
```

Border

The CSS property to change the border of an element to YUV 204.9250, 13.3480, -81.4952 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(112, 247, 232) }
```


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

```
.border{ border-color:rgb(112, 247, 232) }
```

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

Here you see how a box with a 4 pixel rgb(112, 247, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(112, 247,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 204.9250, 13.3480, -81.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 247, 232) }
```

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

```
.background{ background-color: rgb(112,  
247, 232) }
```

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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