

Converting Colors

YUV(204.4090, 9.1654,
-93.3207)

Have a look what the booklet for
YUV(204.4090, 9.1654, -93.3207)
contains.

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Color

**YUV(204.4090, 9.1654,
-93.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	62FFDF
RGB	98, 255, 223
RGB Percent	38%, 100%, 87%
CMY	0.6157, 0.0000, 0.1255
CMYK	0.62, 0.00, 0.13, 0.00
HSL	168°, 100%, 69%
HSV	168°, 62%, 100%
XYZ	54.1163, 79.4444, 82.2941
YIQ	204.4090, -83.3000, -43.2360

Conversions

Conversions Part 2

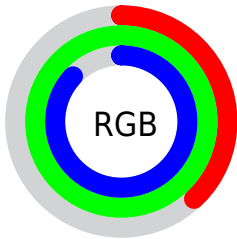
Format	Color
R _Y B	98, 185, 255
Decimal	6488031
CIE Lab	91.43, -48.67, 3.05
CIE LCh	91, 48.765, 176.410
Yxy	79.4444, 0.2507, 0.3680
Android (android.graphics.Color)	4284678111 (0xFF62FFDF)
YUV	204.4090, 9.1654, -93.3207
Hunter-Lab	89.1316, -47.6039, 7.6504

Details

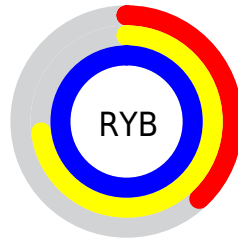
The YUV color **204.4090, 9.1654, -93.3207** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **148.5910, -9.1654, 93.3207**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **134.7910, 16.3720, -118.2117** is the 20% darker color. If you saturate the color by 10%, you get **196.3640, 10.6665, -108.1902**, and if you desaturate by 10%, it is **212.4540, 7.6642, -78.4512**.

Distribution



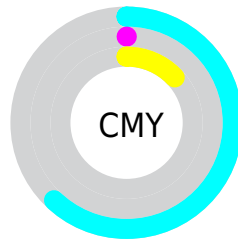
- Red (38%)
- Green (100%)
- Blue (87%)



- Red (38%)
- Yellow (73%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4090, 9.1654, -93.3207 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 204.4090, 9.1654, -93.3207 by changing the saturation by 10% instead.

204.4090, 9.1654,
-93.3207

204.4090, 9.1654,
-93.3207

255.0000, 0.0000,
0.0000

173.1310, 10.7814,
-98.3389

227.1930, 13.7089,
-57.1743

134.7910, 16.3720,
-118.2117

236.4620, 9.1392,
-38.1162

115.9780, 12.8288,
-101.7127

245.7310, 4.5696,
-19.0581

96.5780, 9.5750,
-84.6989

78.4660, 6.1793,
-68.8147

60.5820, 3.6571,
-53.1304

43.9860, 0.9929,

-38.5757

■ 28.6780, -1.8133,
-25.1506

■ 5.8700, -2.8939,
-5.1480

■ 204.4090, 9.1654,
-93.3207

■ 204.4090, 9.1654,
-93.3207

■ 196.3640, 10.6665,
-108.1902

■ 212.4540, 7.6642,
-78.4512

■ 188.0200, 12.3151,
-123.6745

■ 220.7980, 6.0156,
-62.9668

■ 179.8610, 13.3795,
-138.4441

■ 229.2560, 4.8038,
-47.5825

■ 172.8270, 14.8753,
-151.5693

■ 237.3010, 3.3026,
-32.7130

■ 245.6450, 1.6540,
-17.2287

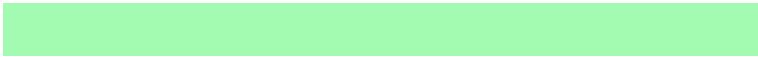
■ 253.6900, 0.1528,
-2.3591

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



215.6650, -19.0618, -46.1872



204.4090, 9.1654, -93.3207



178.7550, 37.5888, -156.7681

Triad

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



204.4090, 9.1654, -93.3207



226.0830, 14.2561, 0.8042



216.4840, -30.8046, 33.7785

Complementary

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



204.4090, 9.1654, -93.3207



148.5910, -9.1654, 93.3207

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.



213.6580, -11.1704, 36.2569



204.4090, 9.1654, -93.3207



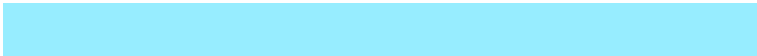
225.0630, 14.7589, 26.2547

Square

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



204.4090, 9.1654, -93.3207



213.3380, 20.5394, -54.6704



217.2550, 10.2273, 33.1024



224.4110, -43.5866, 26.8266

Rectangle

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



204.4090, 9.1654, -93.3207



178.7990, 37.5671, -149.7907



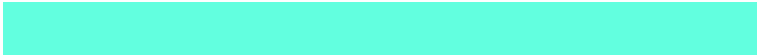
217.2550, 10.2273, 33.1024



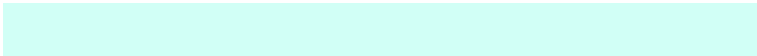
214.8030, -24.5529, 35.2528

Sweetspot

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



204.4090, 9.1654, -93.3207



240.2200, 2.8495, -27.3799



200.3250, -50.4462, -59.9210



118.6450, 1.6540, -17.2287



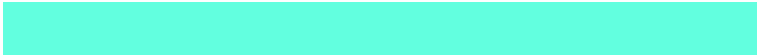
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



204.4090, 9.1654, -93.3207



194.1570, 11.2616, -112.3937



182.2290, 35.8761, -73.8688



123.7710, 0.6059, -7.6922



129.4450, 11.1196, -113.5233



43.3820, 3.7557, -38.0460

Inverse Universe

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



148.5910, -9.1654, 93.3207



126.9570, -10.8248, 112.2937



170.7710, -35.8761, 73.8688



119.1150, -1.0427, 7.7921



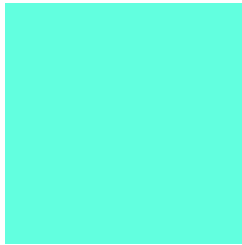
61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 204.4090, 9.1654, -93.3207 looks on a white background.

Color Contrast Check

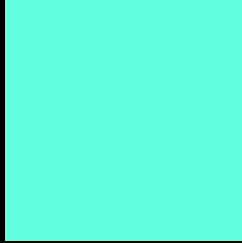
Large Text (above 18pt) WCAG AA × Fail

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 204.4090, 9.1654, -93.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

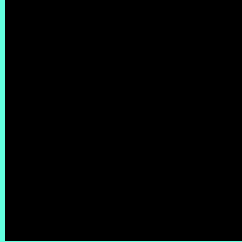
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.4090, 9.1654, -93.3207

Background



This preview shows how black text looks on a background with the YUV color 204.4090, 9.1654, -93.3207.

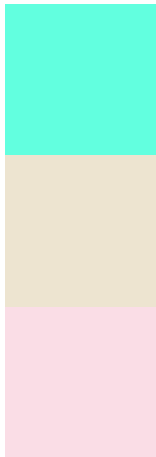


This preview shows how white text looks on a background with the YUV color 204.4090, 9.1654,

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

204.4090, 9.1654, -93.3207

Protanopia

228.4110, -10.0626, 7.5326

Deuteranopia

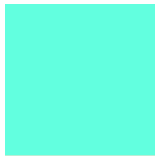
230.6970, -0.3436, 16.9287



Tritanopia

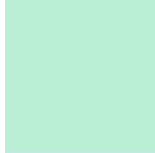
221.3560, 16.5865, -46.7932

Trichromacy



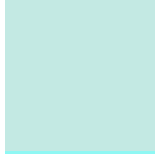
Original Color

204.4090, 9.1654, -93.3207



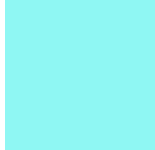
Protanomaly

219.6020, -3.2548, -29.4690



Deuteranomaly

220.9540, 2.9807, -22.7617



Tritanomaly

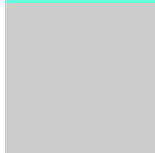
215.4480, 13.5831, -63.5369

Monochromacy



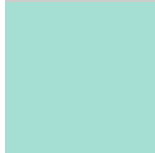
Original Color

204.4090, 9.1654, -93.3207



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.2900, 3.3080, -34.4573

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4090, 9.1654, -93.3207 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, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(98, 255, 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(98, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 255, 223) }
```

Border

The CSS property to change the border of an element to YUV 204.4090, 9.1654, -93.3207 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, 255, 223) }
```


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

```
.border{ border-color:rgb(98, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(98, 255,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 204.4090, 9.1654, -93.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 255, 223) }
```

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

```
.background{ background-color: rgb(98, 255,  
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](#).

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