

Converting Colors

YUV(188.7990, 14.3961,
-91.0317)

Have a look what the booklet for
YUV(188.7990, 14.3961, -91.0317)
contains.

YUV(188.7990, 14.3961, -91.0317)	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(188.7990, 14.3961,
-91.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	55ECDA
RGB	85, 236, 218
RGB Percent	33%, 93%, 85%
CMY	0.6667, 0.0745, 0.1451
CMYK	0.64, 0.00, 0.08, 0.07
HSL	173°, 80%, 63%
HSV	173°, 64%, 93%
XYZ	46.3967, 66.9842, 76.8135
YIQ	188.7990, -84.2180, -37.6100

Conversions

Conversions Part 2

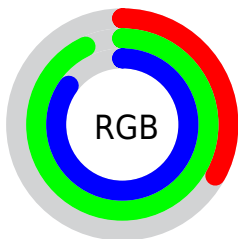
Format	Color
R _Y B	85, 165, 236
Decimal	5631194
CIE Lab	85.50, -43.79, -3.05
CIE LCh	85, 43.900, 183.983
Yxy	66.9842, 0.2439, 0.3522
Android (android.graphics.Color)	4283821274 (0xFF55ECDA)
YUV	188.7990, 14.3961, -91.0317
Hunter-Lab	81.8438, -42.0364, 1.6448

Details

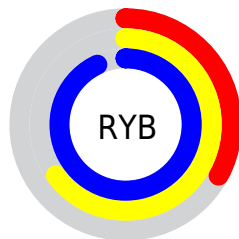
The YUV color **188.7990, 14.3961, -91.0317** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **132.2010, -14.3961, 91.0317**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **123.6550, 19.3971, -108.4454** is the 20% darker color. If you saturate the color by 10%, you get **181.2810, 16.6235, -105.4864**, and if you desaturate by 10%, it is **196.3170, 12.1687, -76.5770**.

Distribution



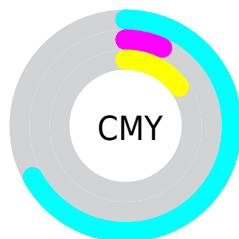
- Red (33%)
- Green (93%)
- Blue (85%)



- Red (33%)
- Yellow (65%)
- Blue (93%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (67%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7990, 14.3961, -91.0317 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 188.7990, 14.3961, -91.0317 by changing the saturation by 10% instead.

188.7990, 14.3961,
-91.0317

188.7990, 14.3961,
-91.0317

255.0000, 0.0000,
0.0000

156.3250, 16.6018,
-98.5090

223.6050, 15.4777,
-64.5516

123.6550, 19.3971,
-108.4454

232.8740, 10.9081,
-45.4935

104.8420, 15.8539,
-91.9464

242.1430, 6.3385,
-26.4354

86.7300, 12.4581,
-76.0622

251.4120, 1.7689,
-7.3773

68.6180, 9.0623,
-60.1780

51.3210, 6.2507,
-45.0085

34.7250, 3.5866,

-30.4538

■ 18.9440, 1.5066,
-16.6139

■ 0.0000, 0.0000,
0.0000

■ 188.7990, 14.3961,
-91.0317

■ 188.7990, 14.3961,
-91.0317

■ 181.2810, 16.6235,
-105.4864

■ 196.3170, 12.1687,
-76.5770

■ 174.0620, 18.7034,
-119.3264

■ 203.5360, 10.0888,
-62.7371


■ 166.6580, 21.3676,
-133.8811

■ 210.9400, 7.4246,
-48.1824


■ 162.2440, 22.5577,
-142.2880

■ 218.1590, 5.3446,
-34.3424

 225.6770, 3.1172,
-19.8877

 233.1950, 0.8899,
-5.4330

 240.4140, -1.1901,
8.4069

 242.2510, -0.6167,
11.1809

 242.4790, 0.2569,
10.9809

Harmonies

Analogous

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



198.9940, -11.3360, -50.8607



188.7990, 14.3961, -91.0317



178.3880, 37.7697, -121.3663

Triad

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



188.7990, 14.3961, -91.0317



214.6310, 19.9019, 9.9706



209.0180, -34.0259, 40.3262

Complementary

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



188.7990, 14.3961, -91.0317



132.2010, -14.3961, 91.0317

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.



204.6930, -17.5966, 44.1192



188.7990, 14.3961, -91.0317



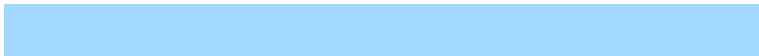
214.6280, 17.9314, 35.4062

Square

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



188.7990, 14.3961, -91.0317



204.5990, 24.8477, -36.4823



206.4320, 1.7590, 42.5941



210.4150, -39.6446, 22.4380

Rectangle

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



188.7990, 14.3961, -91.0317



184.1130, 34.9473, -102.7081



206.4320, 1.7590, 42.5941



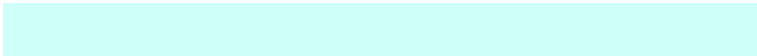
206.9950, -29.0845, 42.1004

Sweetspot

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



188.7990, 14.3961, -91.0317



239.9640, 4.4547, -28.9094



179.6170, -46.6462, -65.4391



118.5740, 2.6750, -18.0434



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.



188.7990, 14.3961, -91.0317



193.7740, 18.8454, -118.1968



158.5660, 38.1750, -64.5174



113.5970, 1.1847, -6.6626



124.3730, 17.0711, -109.0751



37.0560, 4.9024, -32.4981

Inverse Universe

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



132.2010, -14.3961, 91.0317



120.2260, -18.8454, 118.1968



162.4340, -38.1750, 64.5174



109.4030, -1.1847, 6.6626



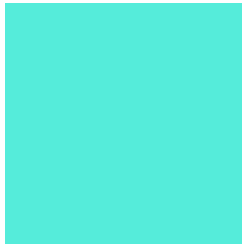
56.6270, -17.0711, 109.0751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 188.7990, 14.3961, -91.0317 looks on a white background.

Color Contrast Check

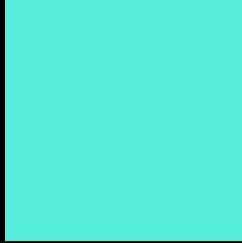
Large Text (above 18pt) WCAG AA × Fail

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 188.7990, 14.3961, -91.0317 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

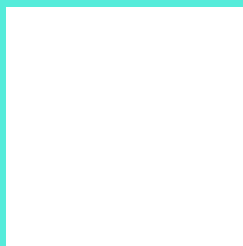
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.7990, 14.3961, -91.0317

Background



This preview shows how black text looks on a background with the YUV color 188.7990, 14.3961, -91.0317.

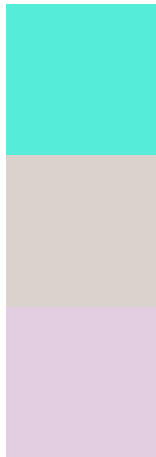


This preview shows how white text looks on a background with the YUV color 188.7990, 14.3961, -91.0317.

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

188.7990, 14.3961, -91.0317

Protanopia

212.2950, -4.0894, 5.0033

Deuteranopia

214.4450, 5.2036, 11.0107



Tritanopia

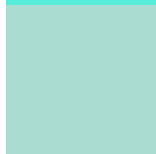
193.6980, 27.7569, -83.0501

Trichromacy



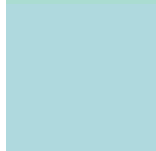
Original Color

188.7990, 14.3961, -91.0317



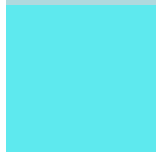
Protanomaly

203.7960, 2.5656, -29.6391



Deuteranomaly

205.0120, 8.3751, -26.3205



Tritanomaly

192.0090, 22.6736, -85.9539

Monochromacy



Original Color

188.7990, 14.3961, -91.0317



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.8710, 5.4866, -33.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7990, 14.3961, -91.0317 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(85, 236, 218)` looks like.

```
.text, #text, p{  
    color:rgb(85, 236, 218)  
}
```

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(85, 236, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 236, 218) }
```

Border

The CSS property to change the border of an element to YUV 188.7990, 14.3961, -91.0317 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(85, 236, 218) }
```


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

```
.border{ border-color:rgb(85, 236, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 236, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 236, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 236, 218);  
box-shadow:4px 4px 4px 4px rgb(85, 236,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 188.7990, 14.3961, -91.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 236, 218) }
```

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

```
.background{ background-color: rgb(85, 236,  
218) }
```

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