

Converting Colors

YUV(212.4990, 6.1630,
-63.5816)

Have a look what the booklet for
YUV(212.4990, 6.1630, -63.5816)
contains.

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Color

**YUV(212.4990, 6.1630,
-63.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF7E1
RGB	140, 247, 225
RGB Percent	55%, 97%, 88%
CMY	0.4510, 0.0314, 0.1176
CMYK	0.43, 0.00, 0.09, 0.03
HSL	168°, 87%, 76%
HSV	168°, 43%, 97%
XYZ	57.6666, 77.5332, 83.1602
YIQ	212.4990, -56.7100, -29.5260

Conversions

Conversions Part 2

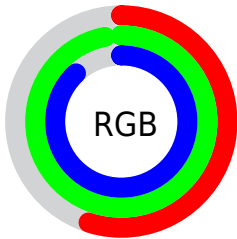
Format	Color
R_{YB}	140, 200, 247
Decimal	9238497
CIE Lab	90.57, -36.05, 0.92
CIE LCh	91, 36.066, 178.540
Yxy	77.5332, 0.2641, 0.3551
Android (android.graphics.Color)	4287428577 (0xFF8CF7E1)
YUV	212.4990, 6.1630, -63.5816
Hunter-Lab	88.0530, -37.1916, 5.6416

Details

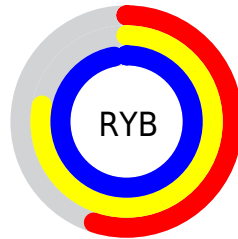
The YUV color **212.4990, 6.1630, -63.5816** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **174.5010, -6.1630, 63.5816**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9570, 8.4022, -35.0423**, and **155.4280, 7.1840, -64.3964** is the 20% darker color. If you saturate the color by 10%, you get **204.4540, 7.6642, -78.4512**, and if you desaturate by 10%, it is **220.5440, 4.6618, -48.7121**.

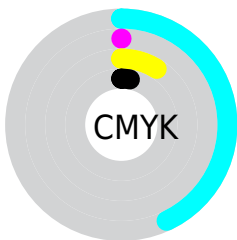
Distribution



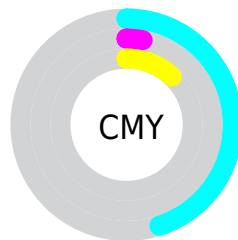
- Red (55%)
- Green (97%)
- Blue (88%)



- Red (55%)
- Yellow (78%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (45%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4990, 6.1630, -63.5816 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 212.4990, 6.1630, -63.5816 by changing the saturation by 10% instead.

212.4990, 6.1630,
-63.5816

212.4990, 6.1630,
-63.5816

255.0000, 0.0000,
0.0000

183.6130, 6.5998,
-63.6816

237.9570, 8.4022,
-35.0423

155.4280, 7.1840,
-64.3964

246.9270, 3.9800,
-16.5990

126.6340, 8.0684,
-68.0850

93.2840, 12.1850,
-81.8101

75.1720, 8.7892,
-65.9258

57.8750, 5.9776,
-50.7564

41.1650, 2.8767,

-36.1017

■ 26.5580, 0.2179,
-23.2914

■ 2.3480, -1.1576,
-2.0592

■ 212.4990, 6.1630,
-63.5816

■ 212.4990, 6.1630,
-63.5816

■ 204.4540, 7.6642,
-78.4512

■ 220.5440, 4.6618,
-48.7121

■ 196.7080, 9.0180,
-92.7059

■ 228.2900, 3.3080,
-34.4573

■ 188.6630, 10.5191,
-107.5755

■ 236.3350, 1.8068,
-19.5878

■ 180.6180, 12.0203,
-122.4450

■ 244.3800, 0.3057,
-4.7183

■ 172.8720, 13.3741,
-136.6997

■ 249.7340, 0.1311,
4.6183

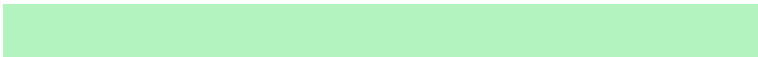
■ 167.3330, 14.1328,
-146.7510

■ 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.



217.6370, -13.1320, -34.7616



212.4990, 6.1630, -63.5816



209.0530, 22.6519, -78.9765

Triad

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



212.4990, 6.1630, -63.5816



227.2790, 13.6665, 3.2633



221.2430, -25.2628, 29.6049

Complementary

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



212.4990, 6.1630, -63.5816



174.5010, -6.1630, 63.5816

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.



219.0380, -10.8647, 31.5387



212.4990, 6.1630, -63.5816



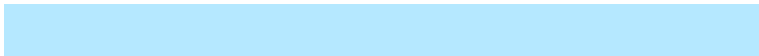
227.4110, 13.6014, 24.1956

Square

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



212.4990, 6.1630, -63.5816



219.3730, 17.5641, -33.6531



221.7400, 4.5652, 29.1690



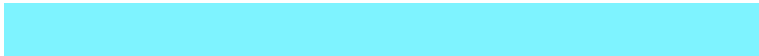
226.1470, -33.1035, 24.4271

Rectangle

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



212.4990, 6.1630, -63.5816



209.3850, 22.4882, -73.1286



221.7400, 4.5652, 29.1690



219.8070, -20.6109, 30.8643

Sweetspot

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



212.4990, 6.1630, -63.5816



244.3350, 1.8068, -19.5878



209.6860, -34.3552, -40.9436



121.1510, 0.9116, -12.4104



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.



212.4990, 6.1630, -63.5816



212.1550, 7.8116, -79.0659



197.3970, 24.4543, -50.3372



118.1840, 0.8953, -7.1774



126.0540, 10.8194, -110.5494



39.9910, 3.4554, -35.0721

Inverse Universe

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



174.5010, -6.1630, 63.5816



164.9590, -7.3748, 78.9660



189.6030, -24.4543, 50.3372



113.9300, -0.4585, 7.0774



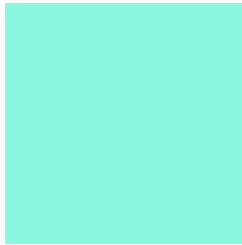
59.9460, -10.8194, 110.5494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 212.4990, 6.1630, -63.5816 looks on a white background.

Color Contrast Check

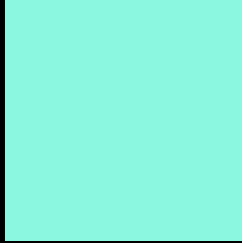
Large Text (above 18pt) WCAG AA × Fail

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 212.4990, 6.1630, -63.5816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

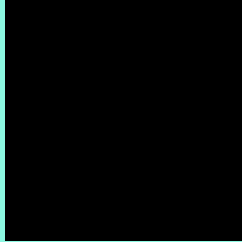
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

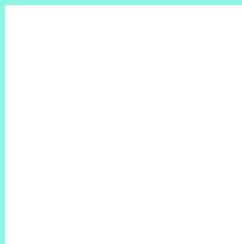
Any Text WCAG AAA ✓ Pass

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

YUV 212.4990, 6.1630, -63.5816 Background



This preview shows how black text looks on a background with the YUV color 212.4990, 6.1630, -63.5816.



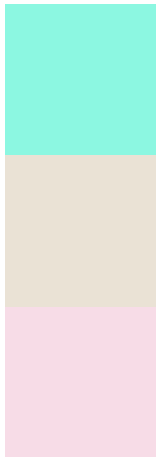
This preview shows how white text looks on a background with the YUV color 212.4990, 6.1630,

-63.5816.

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

212.4990, 6.1630, -63.5816

Protanopia

226.9100, -6.8576, 6.2179

Deuteranopia

229.3270, 0.8248, 15.4992



Tritanopia

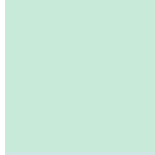
219.5950, 17.4547, -45.2488

Trichromacy



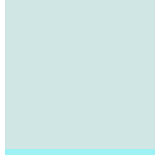
Original Color

212.4990, 6.1630, -63.5816



Protanomaly

221.8960, -2.4137, -19.2028



Deuteranomaly

223.3080, 2.8062, -13.4251



Tritanomaly

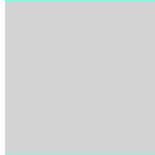
217.1120, 13.2558, -51.8412

Monochromacy



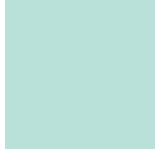
Original Color

212.4990, 6.1630, -63.5816



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.4270, 2.2545, -23.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4990, 6.1630, -63.5816 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(140, 247, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 247, 225)  
}
```

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(140, 247, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 247, 225) }
```

Border

The CSS property to change the border of an element to YUV 212.4990, 6.1630, -63.5816 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(140, 247, 225) }
```


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

```
.border{ border-color:rgb(140, 247, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 247, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 247, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 247, 225);  
box-shadow:4px 4px 4px 4px rgb(140, 247,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 212.4990, 6.1630, -63.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 247, 225) }
```

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

```
.background{ background-color: rgb(140,  
247, 225) }
```

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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