

Converting Colors

YUV(189.4950, 22.4340,
-55.6851)

Have a look what the booklet for
YUV(189.4950, 22.4340, -55.6851)
contains.

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Color

**YUV(189.4950, 22.4340,
-55.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED5EB
RGB	126, 213, 235
RGB Percent	49%, 84%, 92%
CMY	0.5059, 0.1647, 0.0784
CMYK	0.46, 0.09, 0.00, 0.08
HSL	192°, 73%, 71%
HSV	192°, 46%, 92%
XYZ	47.3938, 58.0223, 87.2988
YIQ	189.4950, -58.9140, -11.6020

Conversions

Conversions Part 2

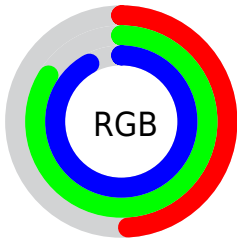
Format	Color
RYB	126, 174, 235
Decimal	8312299
CIELab	80.75, -20.54, -18.99
CIElCh	81, 27.973, 222.748
Yxy	58.0223, 0.2459, 0.3011
Android (android.graphics.Color)	4286502379 (0xFF7ED5EB)
YUV	189.4950, 22.4340, -55.6851
Hunter-Lab	76.1724, -22.2404, -14.6298

Details

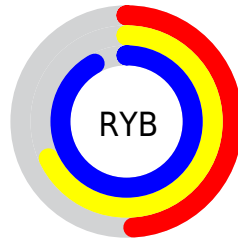
The YUV color $189.4950, 22.4340, -55.6851$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $171.5050, -22.4340, 55.6851$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.7710, 10.4659, -43.6492$, and $133.1850, 22.5868, -58.0442$ is the 20% darker color. If you saturate the color by 10%, you get $179.6830, 27.2713, -67.2510$, and if you desaturate by 10%, it is $199.3070, 17.5966, -44.1192$.

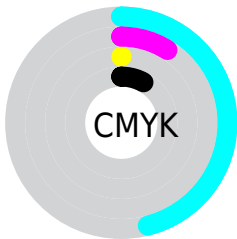
Distribution



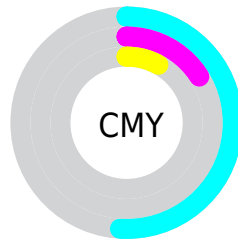
- Red (49%)
- Green (84%)
- Blue (92%)



- Red (49%)
- Yellow (68%)
- Blue (92%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4950, 22.4340, -55.6851 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 189.4950, 22.4340, -55.6851 by changing the saturation by 10% instead.

189.4950, 22.4340,
-55.6851

189.4950, 22.4340,
-55.6851

255.0000, 0.0000,
0.0000

161.1960, 22.5814,
-56.2999

233.7710, 10.4659,
-43.6492

133.1850, 22.5868,
-58.0442

242.4420, 6.1911,
-25.8206

104.0810, 23.6241,
-64.0920

251.4120, 1.7689,
-7.3773

77.1730, 24.0717,
-67.6807

59.6480, 20.3865,
-52.3113

43.4110, 16.5594,
-38.0714

27.9890, 13.3164,

-24.5464

■ 7.9850, 12.8254,
-7.0028

■ 0.7980, 3.0576,
-0.6998

■ 189.4950, 22.4340,
-55.6851

■ 189.4950, 22.4340,
-55.6851

■ 179.6830, 27.2713,
-67.2510

■ 199.3070, 17.5966,
-44.1192

■ 170.1590, 31.9666,
-79.9464

■ 208.8310, 12.9013,
-31.4238

■ 160.3470, 36.8039,
-91.5123

■ 218.9420, 7.9166,
-19.2431

■ 150.2360, 41.7887,
-103.6930

■ 228.7540, 3.0793,
-7.6773

■ 140.4240, 46.6260,
-115.2588

■ 238.8650, -1.9054,
4.5034

■ 137.1460, 48.2420,
-120.2770

■ 244.5020, -4.6845,
9.2067

■ 247.4370, -6.1314,
6.6328

■ 250.3720, -7.5784,
4.0588

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



188.5310, 11.0772, -53.0857



189.4950, 22.4340, -55.6851



194.5600, 27.3319, -39.9561

Triad

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



189.4950, 22.4340, -55.6851



204.8160, 6.0067, 33.4874



197.7520, -24.0347, 8.9875

Complementary

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



189.4950, 22.4340, -55.6851



171.5050, -22.4340, 55.6851

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.



200.7590, -24.5312, 28.2754



189.4950, 22.4340, -55.6851



204.4400, -7.1189, 43.4641

Square

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



189.4950, 22.4340, -55.6851



203.9580, 17.2757, 12.3148



202.8560, -18.1700, 41.3453



195.1450, -16.8335, -14.1592

Rectangle

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



189.4950, 22.4340, -55.6851



198.7300, 26.2621, -23.4422



202.8560, -18.1700, 41.3453



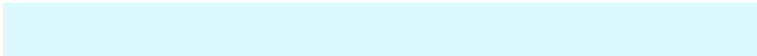
198.5680, -24.9300, 16.1649

Sweetspot

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



189.4950, 22.4340, -55.6851



240.1270, 7.3324, -18.5284



192.4910, -21.9341, -58.3126



118.4870, 4.6899, -10.9511



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.



189.4950, 22.4340, -55.6851



195.2200, 29.4715, -72.9839



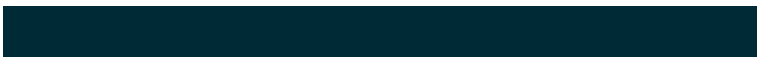
157.7970, 38.0611, -27.8860



112.5370, 2.2003, -5.7329



105.7490, 37.0987, -92.7419



31.3970, 11.1433, -27.5352

Inverse Universe

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



168.5090, 21.9341, 58.3126



167.7530, 28.7158, 76.5156



203.2030, -38.0611, 27.8860



110.3150, 2.3097, 5.8627



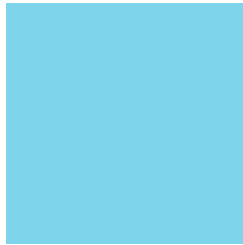
70.6490, 36.6550, 96.7778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 189.4950, 22.4340, -55.6851 looks on a white background.

Color Contrast Check

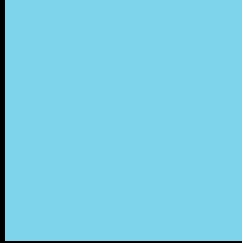
Large Text (above 18pt) WCAG AA × Fail

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 189.4950, 22.4340, -55.6851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

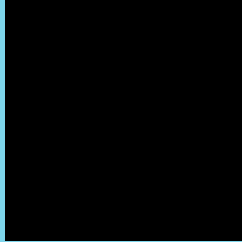
Any Text WCAG AA ✓ Pass

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 189.4950, 22.4340, -55.6851 Background



This preview shows how black text looks on a background with the YUV color 189.4950, 22.4340, -55.6851.



This preview shows how white text looks on a background with the YUV color 189.4950, 22.4340, -55.6851.

-55.6851.

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

189.4950, 22.4340, -55.6851

Protanopia

200.1810, 12.2358, -4.5437

Deuteranopia

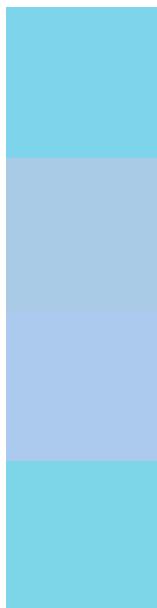
201.2120, 18.6295, -1.9399



Tritanopia

189.3270, 20.5448, -56.4148

Trichromacy



Original Color

189.4950, 22.4340, -55.6851

Protanomaly

196.0970, 16.2212, -22.8871

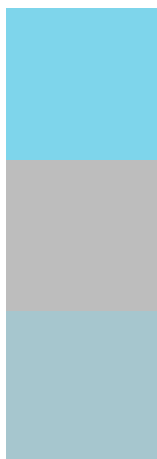
Deuteranomaly

197.1340, 20.1469, -22.0425

Tritanomaly

189.4410, 20.9816, -56.5148

Monochromacy



Original Color

189.4950, 22.4340, -55.6851

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.3440, 8.2114, -20.4727

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4950, 22.4340, -55.6851 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(126, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(126, 213, 235)  
}
```

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(126, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 213, 235) }
```

Border

The CSS property to change the border of an element to YUV 189.4950, 22.4340, -55.6851 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(126, 213, 235) }
```


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

```
.border{ border-color:rgb(126, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 213, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 213, 235); box-shadow:4px 4px 4px 4px rgb(126, 213, 235) }
```

Background

The CSS property to change the background color of an element to YUV 189.4950, 22.4340, -55.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 213, 235) }
```

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

```
.background{ background-color: rgb(126,  
213, 235) }
```

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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