

Converting Colors

YUV(187.9250, 20.2500,
-55.1852)

Have a look what the booklet for
YUV(187.9250, 20.2500, -55.1852)
contains.

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Color

**YUV(187.9250, 20.2500,
-55.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD4E5
RGB	125, 212, 229
RGB Percent	49%, 83%, 90%
CMY	0.5098, 0.1686, 0.1020
CMYK	0.45, 0.07, 0.00, 0.10
HSL	190°, 67%, 69%
HSV	190°, 45%, 90%
XYZ	46.1438, 57.1041, 82.7189
YIQ	187.9250, -57.3090, -13.1570

Conversions

Conversions Part 2

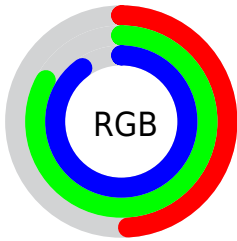
Format	Color
R _Y B	125, 172, 229
Decimal	8246501
CIE Lab	80.24, -21.85, -16.56
CIE LCh	80, 27.417, 217.169
Yxy	57.1041, 0.2481, 0.3071
Android (android.graphics.Color)	4286436581 (0xFF7DD4E5)
YUV	187.9250, 20.2500, -55.1852
Hunter-Lab	75.5672, -23.2448, -12.0041

Details

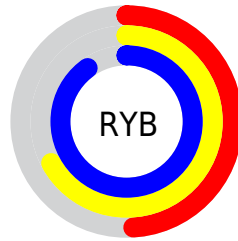
The YUV color $187.9250, 20.2500, -55.1852$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $166.0750, -20.2500, 55.1852$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.4720, 10.6133, -44.2639$, and $131.7290, 20.8396, -57.6443$ is the 20% darker color. If you saturate the color by 10%, you get $178.7000, 24.7979, -67.2659$, and if you desaturate by 10%, it is $197.1500, 15.7021, -43.1045$.

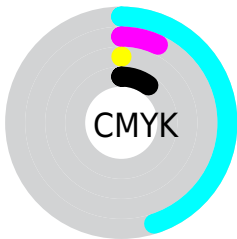
Distribution



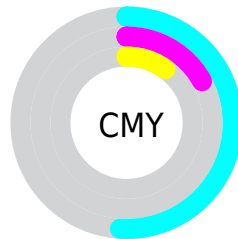
- Red (49%)
- Green (83%)
- Blue (90%)



- Red (49%)
- Yellow (67%)
- Blue (90%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9250, 20.2500, -55.1852 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 187.9250, 20.2500, -55.1852 by changing the saturation by 10% instead.

■ 187.9250, 20.2500,
-55.1852

■ 187.9250, 20.2500,
-55.1852

■ 255.0000, 0.0000,
0.0000

■ 159.6260, 20.3974,
-55.8000

■ 233.4720, 10.6133,
-44.2639

■ 131.7290, 20.8396,
-57.6443

■ 242.1430, 6.3385,
-26.4354

■ 102.9240, 21.7295,
-63.0773

■ 251.1130, 1.9163,
-7.9921

■ 76.0160, 22.1771,
-66.6660

■ 58.4910, 18.4919,
-51.2966

■ 42.3680, 15.1016,
-37.1567

■ 26.8320, 11.4218,

-23.5317

■ 5.1810, 12.2358,
-4.5437

■ 0.0000, 0.0000,
0.0000

■ 187.9250, 20.2500,
-55.1852

■ 187.9250, 20.2500,
-55.1852

■ 178.7000, 24.7979,
-67.2659

■ 197.1500, 15.7021,
-43.1045

■ 170.0620, 29.0564,
-79.8614

■ 205.7880, 11.4435,
-30.5091

■ 160.8370, 33.6044,
-91.9420

■ 215.0130, 6.8956,
-18.4284

■ 151.6120, 38.1523,
-104.0227

■ 224.2380, 2.3477,
-6.3477

■ 142.3870, 42.7002,
-116.1034

■ 233.4630, -2.2003,
5.7329

■ 138.8100, 44.4637,
-121.7364

■ 239.7090, -5.2795,
13.4102

■ 242.0570, -6.4371,
11.3510

■ 244.4050, -7.5947,
9.2918

■ 246.7530, -8.7522,
7.2326

Harmonies

Analogous

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



188.0430, 7.8668, -50.0267



187.9250, 20.2500, -55.1852



192.1960, 26.0324, -43.1449

Triad

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



187.9250, 20.2500, -55.1852



203.2500, 7.7648, 29.5987



197.0730, -24.1930, 13.0910

Complementary

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



187.9250, 20.2500, -55.1852



166.0750, -20.2500, 55.1852

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.



199.8240, -23.0842, 30.8494



187.9250, 20.2500, -55.1852



202.5260, -4.2033, 41.6347

Square

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



187.9250, 20.2500, -55.1852



201.9790, 18.7444, 7.9114



201.7250, -16.1334, 41.4602



194.2380, -17.8653, -9.8557

Rectangle

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



187.9250, 20.2500, -55.1852



196.1100, 26.5678, -28.1605



201.7250, -16.1334, 41.4602



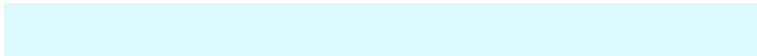
197.7040, -24.5041, 19.5536

Sweetspot

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



187.9250, 20.2500, -55.1852



240.7140, 7.0430, -19.0432



187.8720, -23.1079, -55.1387



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



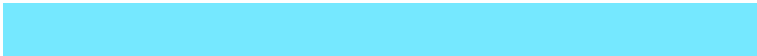
128.0000, 0.0000, 0.0000

Same Dimension

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



187.9250, 20.2500, -55.1852



200.2370, 26.9982, -72.9988



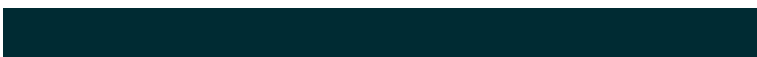
157.9880, 35.0089, -28.9305



110.2380, 2.3477, -6.3477



107.8690, 35.0676, -94.6011



31.0550, 9.8329, -27.2352

Inverse Universe

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



166.0140, 22.6711, 55.2387



171.3720, 29.8896, 73.3418



196.0120, -35.0089, 28.9305



107.7280, 2.5991, 6.3775



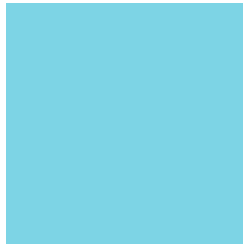
70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 187.9250, 20.2500, -55.1852 looks on a white background.

Color Contrast Check

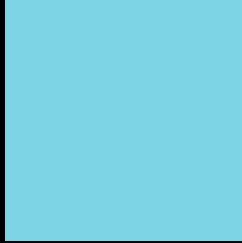
Large Text (above 18pt) WCAG AA × Fail

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 187.9250, 20.2500, -55.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

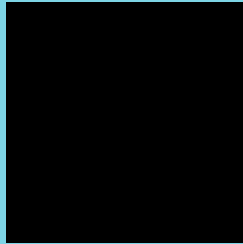
Any Text WCAG AA ✓ Pass

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 187.9250, 20.2500, -55.1852 Background



This preview shows how black text looks on a background with the YUV color 187.9250, 20.2500, -55.1852.



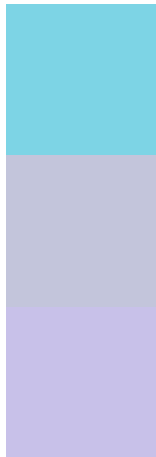
This preview shows how white text looks on a background with the YUV color 187.9250, 20.2500, -55.1852.

-55.1852.

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

187.9250, 20.2500, -55.1852

Protanopia

198.9100, 9.9044, -3.4291

Deuteranopia

199.6530, 16.4401, 0.3043



Tritanopia

187.9250, 20.2500, -55.1852

Trichromacy



Original Color

187.9250, 20.2500, -55.1852

Protanomaly

194.8260, 13.8898, -21.7724

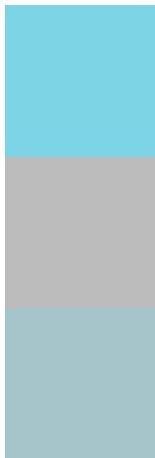
Deuteranomaly

195.5750, 17.9575, -19.7983

Tritanomaly

187.9250, 20.2500, -55.1852

Monochromacy



Original Color

187.9250, 20.2500, -55.1852

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9250, 20.2500, -55.1852 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(125, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(125, 212, 229)  
}
```

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(125, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 212, 229) }
```

Border

The CSS property to change the border of an element to YUV 187.9250, 20.2500, -55.1852 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(125, 212, 229) }
```


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

```
.border{ border-color:rgb(125, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 212, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 212, 229); box-shadow:4px 4px 4px 4px rgb(125, 212, 229) }
```

Background

The CSS property to change the background color of an element to YUV 187.9250, 20.2500, -55.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 212, 229) }
```

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

```
.background{ background-color: rgb(125,  
212, 229) }
```

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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