

Converting Colors

YUV(163.0900, 13.2666,
-55.3299)

Have a look what the booklet for
YUV(163.0900, 13.2666, -55.3299)
contains.

YUV(163.0900, 13.2666, -55.3299)	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(163.0900, 13.2666,
-55.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	64BEBE
RGB	100, 190, 190
RGB Percent	39%, 75%, 75%
CMY	0.6078, 0.2549, 0.2549
CMYK	0.47, 0.00, 0.00, 0.25
HSL	180°, 41%, 57%
HSV	180°, 47%, 75%
XYZ	32.9632, 43.2539, 55.3267
YIQ	163.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

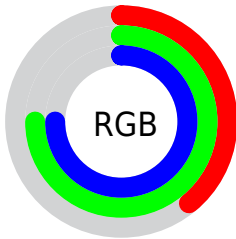
Format	Color
R_{YB}	100, 145, 190
Decimal	6602430
CIE _{Lab}	71.73, -26.84, -8.34
CIE _{LCh}	72, 28.109, 197.265
Yxy	43.2539, 0.2506, 0.3288
Android (android.graphics.Color)	4284792510 (0xFF64BEBE)
YUV	163.0900, 13.2666, -55.3299
Hunter-Lab	65.7677, -25.6281, -3.8399

Details

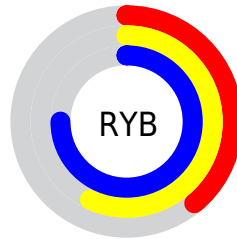
The YUV color **163.0900, 13.2666, -55.3299** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **126.9100, -13.2666, 55.3299**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9760, 12.8298, -55.2300**, and **107.1110, 14.7353, -59.7333** is the 20% darker color. If you saturate the color by 10%, you get **157.4090, 16.0674, -67.0107**, and if you desaturate by 10%, it is **168.7710, 10.4659, -43.6492**.

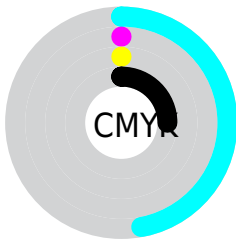
Distribution



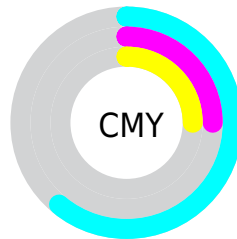
- Red (39%)
- Green (75%)
- Blue (75%)



- Red (39%)
- Yellow (57%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0900, 13.2666, -55.3299 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 163.0900, 13.2666, -55.3299 by changing the saturation by 10% instead.

■ 163.0900, 13.2666,
-55.3299

■ 163.0900, 13.2666,
-55.3299

■ 255.0000, 0.0000,
0.0000

■ 135.4920, 13.5614,
-56.5595

■ 219.9760, 12.8298,
-55.2300

■ 107.1110, 14.7353,
-59.7333

■ 234.0700, 10.3185,
-43.0344

■ 77.8110, 16.3622,
-68.2402

■ 243.0400, 5.8963,
-24.5911

■ 60.4000, 13.1138,
-52.9708

■ 251.7110, 1.6215,
-6.7625

■ 43.6900, 10.0128,
-38.3161

■ 28.2680, 6.7699,
-24.7910

■ 10.1390, 5.8475,

-8.8919

■ 0.0000, 0.0000,
0.0000

■ 163.0900, 13.2666,
-55.3299

■ 163.0900, 13.2666,
-55.3299

■ 157.4090, 16.0674,
-67.0107

■ 168.7710, 10.4659,
-43.6492

■ 151.7280, 18.8681,
-78.6915

■ 174.4520, 7.6652,
-31.9684

■ 146.0470, 21.6688,
-90.3722

■ 180.1330, 4.8644,
-20.2876

■ 140.3660, 24.4696,
-102.0530

■ 185.8140, 2.0637,
-8.6069

■ 134.6850, 27.2703,
-113.7337

■ 191.4950, -0.7370,
3.0739

■ 133.1900, 28.0073,
-116.8076

■ 197.1760, -3.5378,
14.7546

■ 202.8570, -6.3385,
26.4354

■ 208.5380, -9.1392,
38.1162

■ 209.4350, -9.5815,
39.9605

Harmonies

Analogous

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



165.8180, -0.8963, -39.3054



163.0900, 13.2666, -55.3299



164.2500, 24.0338, -55.4703

Triad

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



163.0900, 13.2666, -55.3299



179.5240, 15.5177, 16.2035



175.1500, -24.2310, 25.3014

Complementary

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



163.0900, 13.2666, -55.3299



126.9100, -13.2666, 55.3299

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.



177.3180, -18.8908, 39.1861



163.0900, 13.2666, -55.3299



179.9580, 3.9647, 35.1168

Square

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



163.0900, 13.2666, -55.3299



176.4220, 23.4560, -10.0171



178.7990, -8.2819, 43.1493



172.9580, -23.1503, 5.2988

Rectangle

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



163.0900, 13.2666, -55.3299



168.2990, 26.4746, -44.9892



178.7990, -8.2819, 43.1493



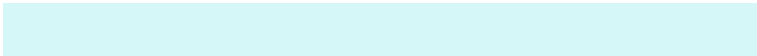
175.8240, -23.0842, 30.8494

Sweetspot

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



163.0900, 13.2666, -55.3299



236.8340, 5.0118, -20.9024



152.8300, -26.0452, -46.3319



118.7210, 3.0955, -12.9103



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



163.0900, 13.2666, -55.3299



204.8410, 20.7844, -86.6836



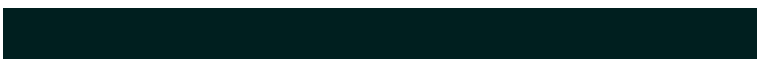
136.6750, 26.2892, -32.1640



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

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



137.1700, 26.0452, 46.3319



164.2330, 40.8041, 72.5867



153.3250, -26.2892, 32.1640



88.7170, 2.6045, 4.6332



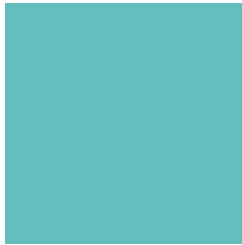
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 163.0900, 13.2666, -55.3299 looks on a white background.

Color Contrast Check

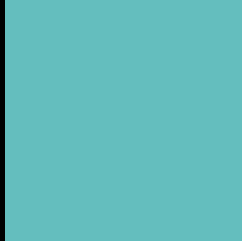
Large Text (above 18pt) WCAG AA × Fail

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 163.0900, 13.2666, -55.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

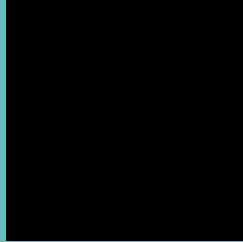
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.0900, 13.2666, -55.3299

Background



This preview shows how black text looks on a background with the YUV color 163.0900, 13.2666, -55.3299.



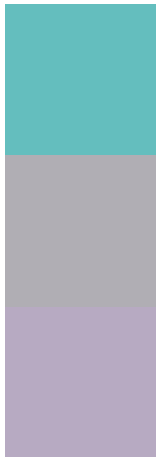
This preview shows how white text looks on a background with the YUV color 163.0900, 13.2666, -55.3299.

-55.3299.

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

163.0900, 13.2666, -55.3299

Protanopia

175.2820, 2.3260, 0.6297

Deuteranopia

176.6230, 8.5669, 5.5926



Tritanopia

164.5940, 18.9342, -53.1409

Trichromacy



Original Color

163.0900, 13.2666, -55.3299

Protanomaly

170.8880, 6.4642, -20.0728

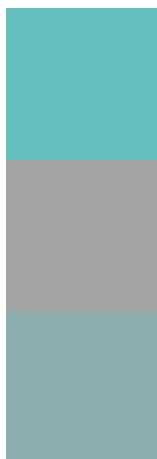
Deuteranomaly

171.6480, 10.5265, -16.3543

Tritanomaly

164.3120, 16.6082, -53.7706

Monochromacy



Original Color

163.0900, 13.2666, -55.3299

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1330, 4.8644, -20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0900, 13.2666, -55.3299 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(100, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(100, 190, 190)  
}
```

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(100, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 190, 190) }
```

Border

The CSS property to change the border of an element to YUV 163.0900, 13.2666, -55.3299 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(100, 190, 190) }
```


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

```
.border{ border-color:rgb(100, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(100, 190,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 163.0900, 13.2666, -55.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 190, 190) }
```

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

```
.background{ background-color: rgb(100,  
190, 190) }
```

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