

Converting Colors

YUV(173.5790, -55.5014,
-25.0638)

Have a look what the booklet for
YUV(173.5790, -55.5014, -25.0638)
contains.

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Color

**YUV(173.5790, -55.5014,
-25.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	91D23D
RGB	145, 210, 61
RGB Percent	57%, 82%, 24%
CMY	0.4314, 0.1765, 0.7608
CMYK	0.31, 0.00, 0.71, 0.18
HSL	86°, 62%, 53%
HSV	86°, 71%, 82%
XYZ	35.5660, 52.4499, 12.6642
YIQ	173.5790, 9.0890, -60.1190

Conversions

Conversions Part 2

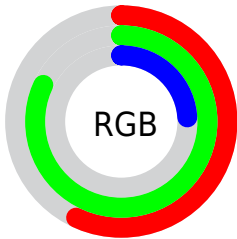
Format	Color
RYB	61, 210, 126
Decimal	9556541
CIELab	77.55, -42.93, 63.66
CIELCh	78, 76.784, 123.989
Yxy	52.4499, 0.3533, 0.5210
Android (android.graphics.Color)	4287746621 (0xFF91D23D)
YUV	173.5790, -55.5014, -25.0638
Hunter-Lab	72.4223, -39.0792, 40.3278

Details

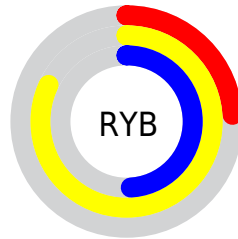
The YUV color **173.5790, -55.5014, -25.0638** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **97.4210, 55.5014, 25.0638**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7200, -52.6130, -18.1714**, and **117.2970, -57.8274, -25.6935** is the 20% darker color. If you saturate the color by 10%, you get **168.4940, -63.3475, -28.4972**, and if you desaturate by 10%, it is **178.6640, -47.6554, -21.6303**.

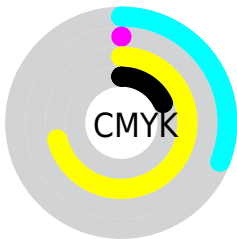
Distribution



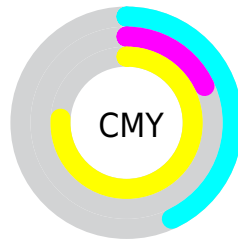
- Red (57%)
- Green (82%)
- Blue (24%)



- Red (24%)
- Yellow (82%)
- Blue (49%)



- Cyan (31%)
- Magenta (0%)
- Yellow (71%)
- Black (18%)



- Cyan (43%)
- Magenta (18%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5790, -55.5014, -25.0638 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 173.5790, -55.5014, -25.0638 by changing the saturation by 10% instead.

■ 173.5790,
-55.5014, -25.0638

■ 173.5790,
-55.5014, -25.0638

255.0000, 0.0000,
0.0000

■ 145.1230,
-57.2486, -24.6639

■ 223.7200,
-52.6130, -18.1714

■ 117.2970,
-57.8274, -25.6935

■ 235.5830,
-44.6574, -3.1423

■ 93.3640, -46.0285,
-30.1372

■ 245.6520,
-35.8174, 8.1982

■ 68.8330, -33.9347,
-35.8105

■ 248.9580,
-23.1503, 5.2988

■ 45.7860, -22.5725,
-40.1543

■ 252.2640,
-10.4832, 2.3995

■ 32.2850, -15.9165,
-28.3139

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 173.5790,
-55.5014, -25.0638

■ 173.5790,
-55.5014, -25.0638

■ 168.4940,
-63.3475, -28.4972

■ 178.6640,
-47.6554, -21.6303

■ 163.4090,
-71.1936, -31.9307

■ 183.7490,
-39.8093, -18.1969

■ 158.5520,
-78.1661, -35.5641

■ 188.8340,
-31.9632, -14.7634

■ 194.2180,
-24.2645, -10.7152

■ 199.3030,
-16.4184, -7.2817

■ 204.3880, -8.5723,
-3.8483

■ 209.4730, -0.7262,
-0.4148

■ 214.5580, 7.1199,
3.0186

■ 219.6430, 14.9660,
6.4521

Harmonies

Analogous

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



179.5790, -78.6724, 33.6952



173.5790, -55.5014, -25.0638



144.0910, -8.9189, -126.3678

Triad

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



173.5790, -55.5014, -25.0638



155.2750, 49.1644, -136.1762



168.3620, 8.2025, 75.9815

Complementary

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



173.5790, -55.5014, -25.0638



97.4210, 55.5014, 25.0638

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.



185.7340, 34.1481, 60.7463



173.5790, -55.5014, -25.0638



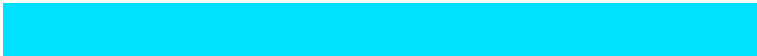
144.7090, 54.3735, -126.9098

Square

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



173.5790, -55.5014, -25.0638



160.5580, 46.5599, -140.8094



188.9810, 32.5474, 14.0487



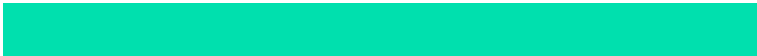
168.7140, -25.9880, 75.6728

Rectangle

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



173.5790, -55.5014, -25.0638



151.3240, 11.1793, -132.7111



188.9810, 32.5474, 14.0487



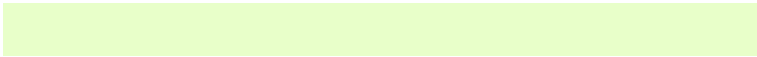
172.2720, 18.1069, 72.5525

Sweetspot

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



173.5790, -55.5014, -25.0638



241.9670, -20.1967, -8.7411



143.7060, -40.7741, 58.1398



120.1660, -11.9138, -5.4076



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.



173.5790, -55.5014, -25.0638



201.8570, -80.7815, -36.7086



151.4530, -44.5933, -70.5573



102.2510, -4.0677, -1.9741



127.0210, -62.6214, -28.0824



30.9440, -15.2554, -6.9669

Inverse Universe

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



97.4210, 55.5014, 25.0638



91.1430, 80.7815, 36.7086



119.5470, 44.5933, 70.5573



96.7490, 4.0677, 1.9741



40.9790, 62.6214, 28.0824



10.0560, 15.2554, 6.9669

Previews

White Background



This preview shows how the YUV color 173.5790, -55.5014, -25.0638 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 173.5790, -55.5014, -25.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

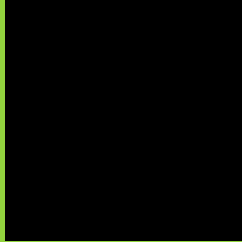
Any Text WCAG AA ✓ Pass

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 173.5790, -55.5014, -25.0638 Background



This preview shows how black text looks on a background with the YUV color 173.5790, -55.5014, -25.0638.



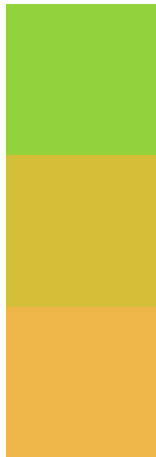
This preview shows how white text looks on a background with the YUV color 173.5790, -55.5014, -25.0638.

-25.0638.

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

173.5790, -55.5014, -25.0638

Protanopia

182.4870, -62.3581, 27.6369

Deuteranopia

185.6170, -56.0132, 45.9399



Tritanopia

188.2560, 11.7058, -21.2725

Trichromacy



Original Color

173.5790, -55.5014, -25.0638

Protanomaly

179.3490, -59.8251, 8.4639

Deuteranomaly

181.4520, -55.9318, 19.7746

Tritanomaly

182.8280, -12.7332, -22.6512

Monochromacy



Original Color

173.5790, -55.5014, -25.0638

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6680, -20.0493, -9.3558

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5790, -55.5014, -25.0638 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(145, 210, 61)` looks like.

```
.text, #text, p{  
    color:rgb(145, 210, 61)  
}
```

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(145, 210, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 210, 61) }
```

Border

The CSS property to change the border of an element to YUV 173.5790, -55.5014, -25.0638 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(145, 210, 61) }
```


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

```
.border{ border-color:rgb(145, 210, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 210, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 210, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 210, 61);  
box-shadow:4px 4px 4px 4px rgb(145, 210,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 173.5790, -55.5014, -25.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 210, 61) }
```

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

```
.background{ background-color: rgb(145,  
210, 61) }
```

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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