

Converting Colors

YUV(170.7360, -43.7468,
-62.0355)

Have a look what the booklet for
YUV(170.7360, -43.7468, -62.0355)
contains.

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Color

**YUV(170.7360, -43.7468,
-62.0355)**

Conversions

Conversions Part 1

Format	Color
Hex	64E052
RGB	100, 224, 82
RGB Percent	39%, 88%, 32%
CMY	0.6078, 0.1216, 0.6784
CMYK	0.55, 0.00, 0.63, 0.12
HSL	112°, 70%, 60%
HSV	112°, 63%, 88%
XYZ	33.4342, 56.6298, 17.1511
YIQ	170.7360, -28.3220, -70.4500

Conversions

Conversions Part 2

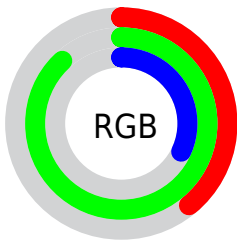
Format	Color
RYB	82, 224, 206
Decimal	6611026
CIELab	79.97, -60.71, 57.45
CIELCh	80, 83.588, 136.579
Yxy	56.6298, 0.3118, 0.5282
Android (android.graphics.Color)	4284801106 (0xFF64E052)
YUV	170.7360, -43.7468, -62.0355
Hunter-Lab	75.2528, -52.3864, 39.1640

Details

The YUV color **170.7360, -43.7468, -62.0355** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **135.2640, 43.7468, 62.0355**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4420, -37.6859, -45.9916**, and **108.3000, -42.5459, -73.9311** is the 20% darker color. If you saturate the color by 10%, you get **162.2480, -50.4083, -72.1315**, and if you desaturate by 10%, it is **179.2240, -37.0854, -51.9394**.

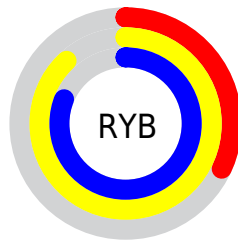
Distribution



Red (39%)

Green (88%)

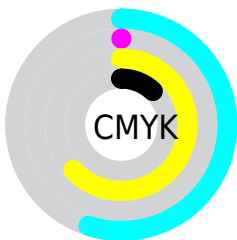
Blue (32%)



Red (32%)

Yellow (88%)

Blue (81%)

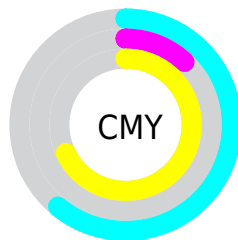


Cyan (55%)

Magenta (0%)

Yellow (63%)

Black (12%)



Cyan (61%)

Magenta (12%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7360, -43.7468, -62.0355 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 170.7360, -43.7468, -62.0355 by changing the saturation by 10% instead.

■ 170.7360,
-43.7468, -62.0355

■ 170.7360,
-43.7468, -62.0355

■ 255.0000, 0.0000,
0.0000

■ 140.6540,
-42.7204, -64.5946

■ 213.4420,
-37.6859, -45.9916

■ 108.3000,
-42.5459, -73.9311

■ 225.4900,
-30.3146, -30.2477

■ 82.1800, -40.5147,
-72.0719

■ 237.7660,
-22.0696, -14.7038

■ 66.9180, -32.9906,
-58.6871

■ 249.9280,
-14.2615, 0.9401

■ 51.6560, -25.4664,
-45.3023

■ 254.5440, -1.7472,
0.3999

■ 36.9810, -18.2316,
-32.4323

■ 23.4800, -11.5756,

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 170.7360,
-43.7468, -62.0355

■ 170.7360,
-43.7468, -62.0355

■ 162.2480,
-50.4083, -72.1315

■ 179.2240,
-37.0854, -51.9394

■ 153.9450,
-57.6539, -81.5128

■ 187.5270,
-29.8398, -42.5582

■ 145.4570,
-64.3153, -91.6088

■ 196.0150,
-23.1784, -32.4622

■ 139.8600,
-68.9510, -98.1012

■ 204.3180,
-15.9328, -23.0809

■ 212.8060, -9.2714,
-12.9849

■ 220.9950, -2.4625,
-3.5036

■ 229.5970, 4.6357,
6.4924

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



180.4010, -88.9377, 12.8033



170.7360, -43.7468, -62.0355



154.3100, 2.3122, -135.3299

Triad

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



170.7360, -43.7468, -62.0355



156.4490, 48.5856, -137.2058



165.2840, -3.5910, 78.6809

Complementary

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



170.7360, -43.7468, -62.0355



135.2640, 43.7468, 62.0355

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.



176.6380, 29.7585, 68.7235



170.7360, -43.7468, -62.0355



177.6540, 38.1316, -50.5626

Square

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



170.7360, -43.7468, -62.0355



164.0800, 44.8236, -143.8982



197.4740, 28.3603, 50.4503



173.5120, -43.1434, 71.4650

Rectangle

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



170.7360, -43.7468, -62.0355



161.7540, 25.7573, -141.8583



197.4740, 28.3603, 50.4503



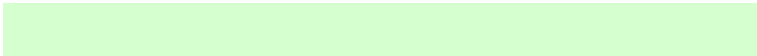
166.4870, 8.6339, 77.6259

Sweetspot

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



170.7360, -43.7468, -62.0355



236.9700, -14.7752, -21.0217



196.6590, -56.5269, 23.9781



116.8060, -9.2714, -12.9849



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.



170.7360, -43.7468, -62.0355



182.3530, -59.8270, -84.5016



171.2820, -18.3800, -78.3003



107.7560, -3.3307, -5.0480



109.8900, -54.1758, -77.0795



29.9700, -14.7752, -21.0217

Inverse Universe

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



135.2640, 43.7468, 62.0355



133.6470, 59.8270, 84.5016



134.7180, 18.3800, 78.3003



105.2440, 3.3307, 5.0480



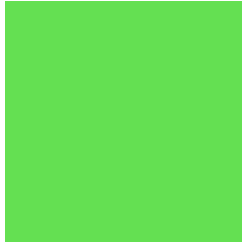
66.1100, 54.1758, 77.0795



18.0300, 14.7752, 21.0217

Previews

White Background



This preview shows how the YUV color 170.7360, -43.7468, -62.0355 looks on a white background.

Color Contrast Check

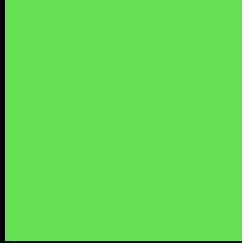
Large Text (above 18pt) WCAG AA × Fail

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 170.7360, -43.7468, -62.0355 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 170.7360, -43.7468, -62.0355 Background



This preview shows how black text looks on a background with the YUV color 170.7360, -43.7468, -62.0355.



This preview shows how white text looks on a background with the YUV color 170.7360, -43.7468, -62.0355.

-62.0355.

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

170.7360, -43.7468, -62.0355

Protanopia

189.8550, -57.1165, 26.4372

Deuteranopia

193.0280, -49.3138, 43.8254



Tritanopia

188.0180, 19.2181, -50.8818

Trichromacy



Original Color

170.7360, -43.7468, -62.0355



Protanomaly

182.9110, -52.2141, -6.0609



Deuteranomaly

184.6550, -47.1579, 5.5646



Tritanomaly

181.6220, -3.7576, -54.9195

Monochromacy



Original Color

170.7360, -43.7468, -62.0355



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.7310, -15.6434, -22.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7360, -43.7468, -62.0355 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, 224, 82)` looks like.

```
.text, #text, p{  
    color:rgb(100, 224, 82)  
}
```

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, 224, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 224, 82) }
```

Border

The CSS property to change the border of an element to YUV 170.7360, -43.7468, -62.0355 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, 224, 82) }
```


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

```
.border{ border-color:rgb(100, 224, 82) }
```

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

Here you see how a box with a 4 pixel rgb(100, 224, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 224, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 224, 82);  
box-shadow:4px 4px 4px 4px rgb(100, 224,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 170.7360, -43.7468, -62.0355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 224, 82) }
```

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

```
.background{ background-color: rgb(100,  
224, 82) }
```

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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