

Converting Colors

YUV(165.7360, -63.9598,
-65.5435)

Have a look what the booklet for
YUV(165.7360, -63.9598, -65.5435)
contains.

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Color

**YUV(165.7360, -63.9598,
-65.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE524
RGB	91, 229, 36
RGB Percent	36%, 90%, 14%
CMY	0.6431, 0.1020, 0.8588
CMYK	0.60, 0.00, 0.84, 0.10
HSL	103°, 79%, 52%
HSV	103°, 84%, 90%
XYZ	32.6521, 58.3901, 11.2185
YIQ	165.7360, -20.2950, -89.2790

Conversions

Conversions Part 2

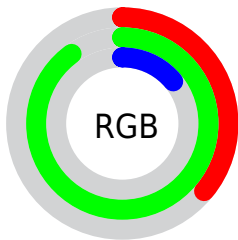
Format	Color
RYB	36, 229, 174
Decimal	6022436
CIELab	80.96, -67.73, 73.40
CIELCh	81, 99.875, 132.697
Yxy	58.3901, 0.3193, 0.5710
Android (android.graphics.Color)	4284212516 (0xFF5BE524)
YUV	165.7360, -63.9598, -65.5435
Hunter-Lab	76.4134, -57.4489, 44.7848

Details

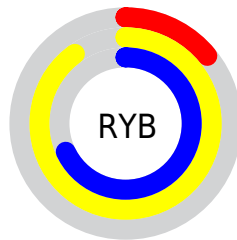
The YUV color **165.7360, -63.9598, -65.5435** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **99.2640, 63.9598, 65.5435**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5440, -52.5262, -46.0811**, and **100.9640, -49.7753, -88.5454** is the 20% darker color. If you saturate the color by 10%, you get **158.3300, -71.6477, -73.0804**, and if you desaturate by 10%, it is **173.1420, -56.2720, -58.0065**.

Distribution



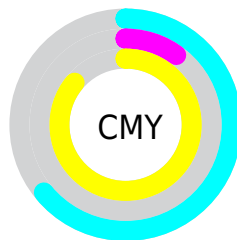
- Red (36%)
- Green (90%)
- Blue (14%)



- Red (14%)
- Yellow (90%)
- Blue (68%)



- Cyan (60%)
- Magenta (0%)
- Yellow (84%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7360, -63.9598, -65.5435 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 165.7360, -63.9598, -65.5435 by changing the saturation by 10% instead.

■ 165.7360,
-63.9598, -65.5435

■ 165.7360,
-63.9598, -65.5435

■ 255.0000, 0.0000,
0.0000

■ 133.2470,
-65.6908, -70.3766

■ 207.5440,
-52.5262, -46.0811

■ 100.9640,
-49.7753, -88.5454

■ 220.1190,
-44.4287, -29.9224

■ 85.1150, -41.9617,
-74.6459

■ 232.6940,
-36.3311, -13.7636

■ 69.2660, -34.1481,
-60.7463

■ 245.2690,
-28.2336, 2.3951

■ 54.0040, -26.6240,
-47.3615

■ 250.6680,
-16.5983, 3.7992

■ 39.3290, -19.3892,
-34.4915

■ 254.0880, -3.4944,

■ 24.6540, -12.1544,

0.7998

-21.6216

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 165.7360,
-63.9598, -65.5435

■ 165.7360,
-63.9598, -65.5435

■ 158.3300,
-71.6477, -73.0804

■ 173.1420,
-56.2720, -58.0065

■ 153.8580,
-75.8520, -77.9285

■ 180.8470,
-48.7316, -49.8548

■ 188.2530,
-41.0437, -42.3179

■ 195.6590,
-33.3559, -34.7809

■ 203.3640,
-25.8155, -26.6292

■ 210.6560,
-18.5644, -18.9923

■ 218.3610,
-11.0240, -10.8406

■ 225.7670, -3.3361,
-3.3037

■ 233.1730, 4.3517,
4.2333

Harmonies

Analogous

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



183.9780, -90.7012, 18.4363



165.7360, -63.9598, -65.5435



156.4810, -7.1391, -137.2338

Triad

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



165.7360, -63.9598, -65.5435



162.3190, 45.6917, -142.3538



148.5860, 8.5851, 93.3251

Complementary

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



165.7360, -63.9598, -65.5435



99.2640, 63.9598, 65.5435

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.



166.9500, 43.4087, 77.2199



165.7360, -63.9598, -65.5435



145.8830, 53.7947, -127.9394

Square

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



165.7360, -63.9598, -65.5435



169.3630, 42.2190, -148.5314



195.7020, 29.2339, 50.2503



161.8060, -42.3024, 81.7311

Rectangle

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



165.7360, -63.9598, -65.5435



165.6520, 20.3846, -145.2768



195.7020, 29.2339, 50.2503



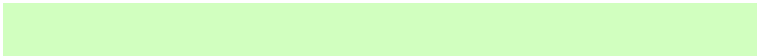
150.3590, 22.9940, 91.7702

Sweetspot

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



165.7360, -63.9598, -65.5435



233.9500, -21.1743, -21.8811



172.9520, -67.5173, 49.1541



115.1820, -12.9077, -13.3146



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.



165.7360, -63.9598, -65.5435



171.5120, -84.5554, -86.3950



153.7370, -38.8173, -103.2553



111.2400, -4.0623, -3.7185



120.3220, -59.3187, -60.7954



34.4220, -16.9700, -17.0331

Inverse Universe

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



99.2640, 63.9598, 65.5435



83.4880, 84.5554, 86.3950



111.2630, 38.8173, 103.2553



106.7600, 4.0623, 3.7185



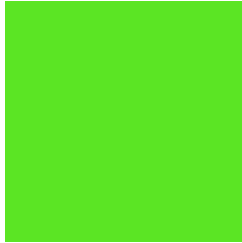
58.6780, 59.3187, 60.7954



16.5780, 16.9700, 17.0331

Previews

White Background



This preview shows how the YUV color 165.7360, -63.9598, -65.5435 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 165.7360, -63.9598, -65.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

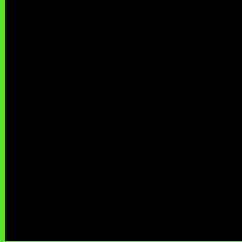
Any Text WCAG AA ✓ Pass

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 165.7360, -63.9598, -65.5435 Background



This preview shows how black text looks on a background with the YUV color 165.7360, -63.9598, -65.5435.



This preview shows how white text looks on a background with the YUV color 165.7360, -63.9598, -65.5435.

-65.5435.

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

165.7360, -63.9598, -65.5435

Protanopia

187.8670, -78.8144, 32.5656

Deuteranopia

192.4190, -65.7756, 50.4985



Tritanopia

189.5230, 19.9552, -53.9557

Trichromacy



Original Color

165.7360, -63.9598, -65.5435



Protanomaly

180.0150, -73.4644, -3.5212



Deuteranomaly

182.9700, -65.0612, 7.9193



Tritanomaly

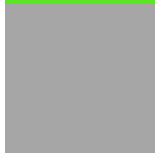
181.0640, -10.8776, -57.9381

Monochromacy



Original Color

165.7360, -63.9598, -65.5435



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.0700, -23.2055, -23.7404

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7360, -63.9598, -65.5435 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(91, 229, 36)` looks like.

```
.text, #text, p{  
    color:rgb(91, 229, 36)  
}
```

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(91, 229, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 229, 36) }
```

Border

The CSS property to change the border of an element to YUV 165.7360, -63.9598, -65.5435 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(91, 229, 36) }
```


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

```
.border{ border-color:rgb(91, 229, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 229, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 229, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 229, 36);  
box-shadow:4px 4px 4px 4px rgb(91, 229,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 165.7360, -63.9598, -65.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 229, 36) }
```

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

```
.background{ background-color: rgb(91, 229,  
36) }
```

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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