

Converting Colors

YUV(62.0200, 49.7831,
-54.3915)

Have a look what the booklet for
YUV(62.0200, 49.7831, -54.3915)
contains.

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Color

**YUV(62.0200, 49.7831,
-54.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	004AA3
RGB	0, 74, 163
RGB Percent	0%, 29%, 64%
CMY	1.0000, 0.7098, 0.3608
CMYK	1.00, 0.55, 0.00, 0.36
HSL	213°, 100%, 32%
HSV	213°, 100%, 64%
XYZ	9.0596, 7.5419, 35.6286
YIQ	62.0200, -72.6730, 11.9910

Conversions

Conversions Part 2

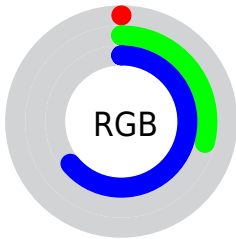
Format	Color
RYB	0, 51, 163
Decimal	19107
CIELab	33.01, 17.15, -53.32
CIELCh	33, 56.009, 287.829
Yxy	7.5419, 0.1735, 0.1444
Android (android.graphics.Color)	4278209187 (0xFF004AA3)
YUV	62.0200, 49.7831, -54.3915
Hunter-Lab	27.4625, 10.8261, -57.6963

Details

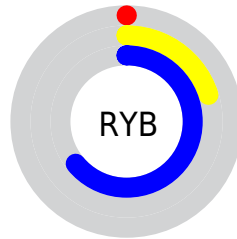
The YUV color **62.0200, 49.7831, -54.3915** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **100.9800, -49.7831, 54.3915**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8920, 47.3812, -30.6003**, and **31.3240, 38.7873, -27.4711** is the 20% darker color. If you saturate the color by 10%, you get **62.0200, 49.7831, -54.3915**, and if you desaturate by 10%, it is **72.0870, 44.8201, -49.1883**.

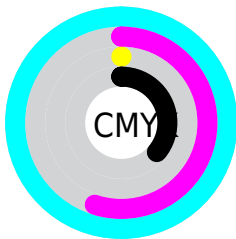
Distribution



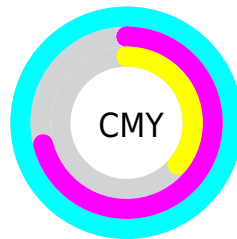
- Red (0%)
- Green (29%)
- Blue (64%)



- Red (0%)
- Yellow (20%)
- Blue (64%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.0200, 49.7831, -54.3915 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 62.0200, 49.7831, -54.3915 by changing the saturation by 10% instead.

■ 62.0200, 49.7831,
-54.3915

■ 62.0200, 49.7831,
-54.3915

■ 255.0000, 0.0000,
0.0000

■ 46.0280, 44.3562,
-40.3666

■ 122.8920, 47.3812,
-30.6003

■ 31.3240, 38.7873,
-27.4711

■ 150.4300, 48.1020,
-28.4411

■ 14.9730, 34.5233,
-13.1313

■ 175.1610, 39.3606,
-24.6972

■ 10.4760, 24.9083,
-9.1875

■ 199.6810, 27.2723,
-20.7682

■ 6.0930, 15.7302,
-5.3436

■ 225.0870, 14.7471,
-16.7393

■ 2.4110, 6.6994,
-2.1144

■ 249.3190, 2.8007,

■ 0.0000, 0.0000,

-11.6808

0.0000

■ 62.0200, 49.7831,
-54.3915

■ 72.0870, 44.8201,
-49.1883

■ 82.4530, 39.7097,
-43.3703

■ 92.5200, 34.7466,
-38.1670

■ 102.5870, 29.7836,
-32.9638

■ 112.3660, 24.9626,
-26.6310

■ 122.4330, 19.9995,
-21.4277

■ 132.5000, 15.0365,
-16.2245

■ 142.5670, 10.0735,
-11.0213

■ 152.9330, 4.9630,
-5.2032

Harmonies

Analogous

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



70.4660, 46.6053, -61.7987



62.0200, 49.7831, -54.3915



78.8580, 29.1570, 28.1885

Triad

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



62.0200, 49.7831, -54.3915



70.0620, -30.5966, 60.4586



62.2630, -2.5947, -54.6047

Complementary

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



62.0200, 49.7831, -54.3915



100.9800, -49.7831, 54.3915

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.



54.5740, -24.4400, -47.8614



62.0200, 49.7831, -54.3915



73.3930, -36.1827, 32.1043

Square

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



62.0200, 49.7831, -54.3915



63.6430, -4.7540, 78.3661



70.5370, -34.7747, 0.4061



68.7950, 17.3561, -60.3332

Rectangle

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



62.0200, 49.7831, -54.3915



72.2270, 19.6081, 57.6829



70.5370, -34.7747, 0.4061



59.9660, -8.8572, -52.5902

Sweetspot

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



62.0200, 49.7831, -54.3915



172.3190, 19.5627, -21.3278



105.5990, -9.1693, -92.6103



83.3110, 11.6787, -12.5507



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



62.0200, 49.7831, -54.3915



80.5200, 64.8196, -70.6160



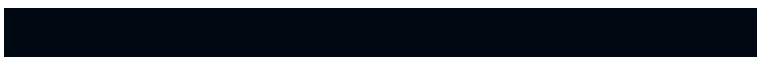
20.0770, 70.4610, -13.2225



76.3740, 2.7736, -2.9590



55.2720, 44.2359, -48.4735



6.7480, 5.5472, -5.9180

Inverse Universe

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



57.1730, 8.2957, 92.8103



74.3320, 10.6823, 120.7348



142.9230, -70.4610, 13.2225



76.1470, 0.4205, 5.1331



50.8790, 7.4547, 82.5441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 62.0200, 49.7831, -54.3915 looks on a white 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

Black Background



This preview shows how the YUV color 62.0200, 49.7831, -54.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

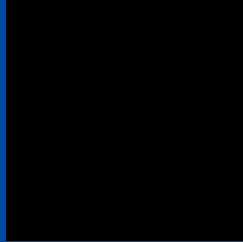
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.0200, 49.7831, -54.3915

Background



This preview shows how black text looks on a background with the YUV color 62.0200, 49.7831, -54.3915.



This preview shows how white text looks on a background with the YUV color 62.0200, 49.7831,

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

62.0200, 49.7831, -54.3915

Protanopia

62.1510, 47.7466, -54.5064

Deuteranopia

62.5780, 36.6900, -54.8809



Tritanopia

61.5570, 15.0084, -53.9855

Trichromacy



Original Color

62.0200, 49.7831, -54.3915

Protanomaly

62.2650, 48.1834, -54.6064

Deuteranomaly

62.4300, 41.2000, -54.7511

Tritanomaly

61.5860, 27.8121, -54.0109

Monochromacy



Original Color

62.0200, 49.7831, -54.3915

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6890, 18.3943, -19.8983

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.0200, 49.7831, -54.3915 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(0, 74, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 163)  
}
```

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(0, 74, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 163) }
```

Border

The CSS property to change the border of an element to YUV 62.0200, 49.7831, -54.3915 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(0, 74, 163) }
```


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

```
.border{ border-color:rgb(0, 74, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 163)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.0200, 49.7831, -54.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 163) }
```

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

```
.background{ background-color: rgb(0, 74,  
163) }
```

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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