

Converting Colors

YUV(120.6220, -7.2086,
-68.0745)

Have a look what the booklet for
YUV(120.6220, -7.2086, -68.0745)
contains.

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Color

**YUV(120.6220, -7.2086,
-68.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	2BA36A
RGB	43, 163, 106
RGB Percent	17%, 64%, 42%
CMY	0.8314, 0.3608, 0.5843
CMYK	0.74, 0.00, 0.35, 0.36
HSL	152°, 58%, 40%
HSV	152°, 74%, 64%
XYZ	16.6950, 27.7486, 18.1118
YIQ	120.6220, -53.2230, -43.1670

Conversions

Conversions Part 2

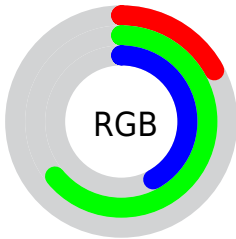
Format	Color
R_{YB}	43, 122, 163
Decimal	2859882
CIE _{Lab}	59.66, -46.11, 20.46
CIE _{LCh}	60, 50.441, 156.073
Yxy	27.7486, 0.2669, 0.4436
Android (android.graphics.Color)	4281049962 (0xFF2BA36A)
YUV	120.6220, -7.2086, -68.0745
Hunter-Lab	52.6769, -35.6124, 16.4883

Details

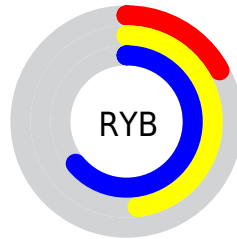
The YUV color **120.6220, -7.2086, -68.0745** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **85.3780, 7.2086, 68.0745**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2590, -9.9877, -63.3711**, and **71.1820, -6.4987, -62.4266** is the 20% darker color. If you saturate the color by 10%, you get **114.9260, -8.3445, -77.1111**, and if you desaturate by 10%, it is **126.3180, -6.0728, -59.0379**.

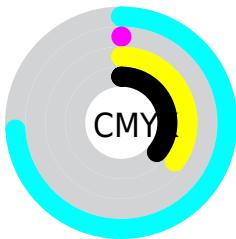
Distribution



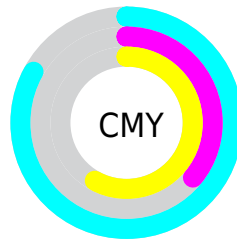
- Red (17%)
- Green (64%)
- Blue (42%)



- Red (17%)
- Yellow (48%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)



- Cyan (83%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6220, -7.2086, -68.0745 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 120.6220, -7.2086, -68.0745 by changing the saturation by 10% instead.

■ 120.6220, -7.2086,
-68.0745

■ 120.6220, -7.2086,
-68.0745

■ 255.0000, 0.0000,
0.0000

■ 89.1800, -3.5397,
-78.2109

■ 178.2590, -9.9877,
-63.3711

■ 71.1820, -6.4987,
-62.4266

■ 207.0310,
-10.8613, -63.1712

■ 53.9990, -8.8735,
-47.3571

■ 222.8890, -5.3683,
-51.6457

■ 36.8160, -11.2483,
-32.2876

■ 234.8660, 3.0241,
-36.7165

■ 22.8930, -11.2862,
-20.0772

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 120.6220, -7.2086,
-68.0745

■ 120.6220, -7.2086,
-68.0745

■ 114.9260, -8.3445,
-77.1111

■ 126.3180, -6.0728,
-59.0379

■ 109.0450, -8.8962,
-86.8625

■ 132.1990, -5.5211,
-49.2865

■ 105.4850, -9.6061,
-92.5103

■ 137.8950, -4.3852,
-40.2499

■ 143.5910, -3.2494,
-31.2133

■ 149.5860, -2.2609,
-21.5619

■ 155.1680, -1.5618,
-12.4253

■ 160.8640, -0.4260,
-3.3887

■ 166.5600, 0.7099,
5.6479

■ 172.5550, 1.6984,
15.2993

Harmonies

Analogous

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



133.1110, -32.0997, -17.6373



120.6220, -7.2086, -68.0745



114.7700, 18.3544, -100.6533

Triad

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



120.6220, -7.2086, -68.0745



134.5750, 48.0305, -52.2473



142.5390, -23.9297, 68.8103

Complementary

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



120.6220, -7.2086, -68.0745



85.3780, 7.2086, 68.0745

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.



143.8270, -3.8587, 71.1887



120.6220, -7.2086, -68.0745



147.0020, 34.0160, 9.6452

Square

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



120.6220, -7.2086, -68.0745



118.2820, 52.1190, -103.7333



147.0860, 16.7196, 50.7906



140.9930, -39.4365, 49.1181

Rectangle

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



120.6220, -7.2086, -68.0745



117.4890, 31.3109, -103.0379



147.0860, 16.7196, 50.7906



142.8690, -17.6834, 72.0289

Sweetspot

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



120.6220, -7.2086, -68.0745



195.4390, -2.6814, -26.6950



130.7820, -43.2765, -26.1188



97.1460, -1.5510, -15.9140



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.



120.6220, -7.2086, -68.0745



145.9410, -11.3099, -106.0653



125.9460, 18.2676, -72.7436



78.8530, -0.4205, -5.1331



93.7790, -8.7650, -82.2442



11.5920, -1.2779, -10.1662

Inverse Universe

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



85.3780, 7.2086, 68.0745



91.0590, 11.3099, 106.0653



80.0540, -18.2676, 72.7436



76.1470, 0.4205, 5.1331



51.2210, 8.7650, 82.2442



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 120.6220, -7.2086, -68.0745 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6220, -7.2086, -68.0745 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 × Fail

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

YUV 120.6220, -7.2086, -68.0745 Background



This preview shows how black text looks on a background with the YUV color 120.6220, -7.2086, -68.0745.



This preview shows how white text looks on a background with the YUV color 120.6220, -7.2086,

-68.0745.

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

120.6220, -7.2086, -68.0745

Protanopia

141.0450, -21.7142, 11.3615

Deuteranopia

143.1200, -15.3422, 20.9428



Tritanopia

130.7680, 18.3554, -54.1705

Trichromacy



Original Color

120.6220, -7.2086, -68.0745



Protanomaly

133.5360, -16.5332, -17.1331



Deuteranomaly

134.7200, -12.1870, -11.1554



Tritanomaly

127.2160, 8.7675, -58.9484

Monochromacy



Original Color

120.6220, -7.2086, -68.0745



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.8630, -2.3975, -24.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6220, -7.2086, -68.0745 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(43, 163, 106)` looks like.

```
.text, #text, p{  
    color:rgb(43, 163, 106)  
}
```

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(43, 163, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 163, 106) }
```

Border

The CSS property to change the border of an element to YUV 120.6220, -7.2086, -68.0745 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(43, 163, 106) }
```


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

```
.border{ border-color:rgb(43, 163, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 163, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 163, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 163, 106);  
box-shadow:4px 4px 4px 4px rgb(43, 163,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 120.6220, -7.2086, -68.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 163, 106) }
```

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

```
.background{ background-color: rgb(43, 163,  
106) }
```

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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