

Converting Colors

YUV(120.6290, 15.9589,
-32.1236)

Have a look what the booklet for
YUV(120.6290, 15.9589, -32.1236)
contains.

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Color

**YUV(120.6290, 15.9589,
-32.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	548599
RGB	84, 133, 153
RGB Percent	33%, 52%, 60%
CMY	0.6706, 0.4784, 0.4000
CMYK	0.45, 0.13, 0.00, 0.40
HSL	197°, 29%, 46%
HSV	197°, 45%, 60%
XYZ	17.7935, 20.9598, 33.2448
YIQ	120.6290, -35.6240, -4.1680

Conversions

Conversions Part 2

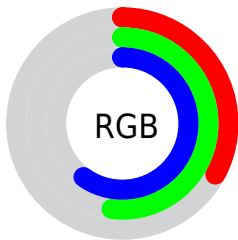
Format	Color
R_{YB}	84, 113, 153
Decimal	5539225
CIE _{Lab}	52.91, -10.98, -15.87
CIE _{LCh}	53, 19.298, 235.332
Yxy	20.9598, 0.2471, 0.2911
Android (android.graphics.Color)	4283729305 (0xFF548599)
YUV	120.6290, 15.9589, -32.1236
Hunter-Lab	45.7819, -10.7429, -11.0066

Details

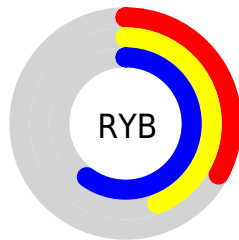
The YUV color **120.6290, 15.9589, -32.1236** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **116.3710, -15.9589, 32.1236**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7430, 16.3957, -32.2236**, and **69.3190, 16.1117, -34.4828** is the 20% darker color. If you saturate the color by 10%, you get **113.7960, 19.3276, -39.2861**, and if you desaturate by 10%, it is **127.4620, 12.5902, -24.9612**.

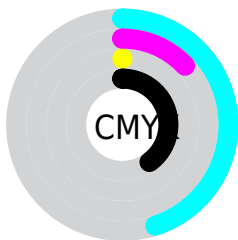
Distribution



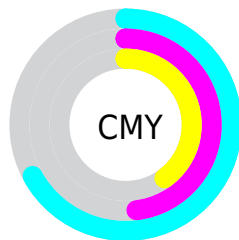
- Red (33%)
- Green (52%)
- Blue (60%)



- Red (33%)
- Yellow (44%)
- Blue (60%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6290, 15.9589, -32.1236 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 120.6290, 15.9589, -32.1236 by changing the saturation by 10% instead.

■ 120.6290, 15.9589,
-32.1236

■ 120.6290, 15.9589,
-32.1236

■ 255.0000, 0.0000,
0.0000

■ 95.2160, 15.6695,
-32.6384

■ 173.7430, 16.3957,
-32.2236

■ 69.3190, 16.1117,
-34.4828

■ 201.5580, 16.9799,
-32.9384

■ 44.1120, 16.7068,
-38.6862

■ 228.5320, 13.0487,
-32.0386

■ 28.5760, 13.0270,
-25.0612

■ 244.8340, 5.0118,
-20.9024

■ 15.0290, 9.3527,
-13.1804

■ 253.5050, 0.7370,
-3.0739

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 120.6290, 15.9589,
-32.1236

■ 120.6290, 15.9589,
-32.1236

■ 113.7960, 19.3276,
-39.2861

■ 127.4620, 12.5902,
-24.9612

■ 106.0770, 23.1330,
-46.5485

■ 135.1810, 8.7848,
-17.6987

■ 99.2440, 26.5017,
-53.7110

■ 142.0140, 5.4161,
-10.5363

■ 91.8240, 30.1598,
-60.3586

■ 149.4340, 1.7580,
-3.8886

■ 84.9910, 33.5284,
-67.5211

■ 156.5660, -1.7580,
3.8886

■ 81.4250, 35.2865,
-71.4097

■ 163.9860, -5.4161,
10.5363

■ 170.8190, -8.7848,
17.6987

■ 177.6520,
-12.1534, 24.8612

■ 185.3710,
-15.9589, 32.1236

Harmonies

Analogous

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



118.5270, 10.5862, -35.5422



120.6290, 15.9589, -32.1236



124.6460, 16.9365, -18.9835

Triad

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



120.6290, 15.9589, -32.1236



129.2680, 0.3609, 24.3210



124.3300, -13.9667, -0.2894

Complementary

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



120.6290, 15.9589, -32.1236



116.3710, -15.9589, 32.1236

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.



125.5490, -16.0467, 13.5505



120.6290, 15.9589, -32.1236



128.2270, -7.5069, 27.8649

Square

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



120.6290, 15.9589, -32.1236



129.1510, 7.8136, 13.8996



127.2990, -13.4584, 23.4168



122.2510, -7.5187, -15.1291

Rectangle

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



120.6290, 15.9589, -32.1236



126.6690, 15.4462, -7.6027



127.2990, -13.4584, 23.4168



124.7220, -15.1459, 4.6288

Sweetspot

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



120.6290, 15.9589, -32.1236



185.9320, 6.4425, -13.0954



126.7830, -11.2320, -37.5207



91.8680, 3.5161, -7.7772



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.6290, 15.9589, -32.1236



148.5110, 24.8911, -50.4371



100.6710, 25.7982, -14.6205



72.8470, 2.0474, -3.3738



74.6600, 32.2126, -65.4768



6.7650, 3.0739, -5.9329

Inverse Universe

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



110.2170, 11.2320, 37.5207



132.0700, 17.7135, 58.6976



136.3290, -25.7982, 14.6205



71.9620, 1.0047, 4.4183



53.2600, 23.0428, 76.0710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 120.6290, 15.9589, -32.1236 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 120.6290, 15.9589, -32.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

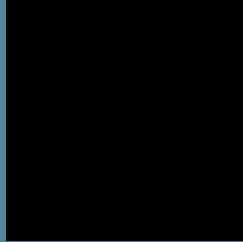
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6290, 15.9589, -32.1236

Background



This preview shows how black text looks on a background with the YUV color 120.6290, 15.9589, -32.1236.



This preview shows how white text looks on a background with the YUV color 120.6290, 15.9589, -32.1236.

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

120.6290, 15.9589, -32.1236

Protanopia

126.3120, 10.1992, -4.6586

Deuteranopia

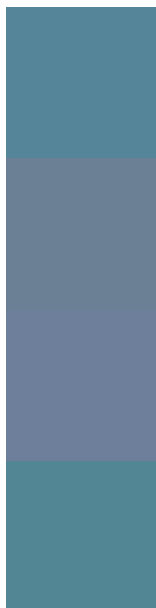
126.6480, 13.9775, -3.1993



Tritanopia

119.7060, 12.4699, -33.0682

Trichromacy



Original Color

120.6290, 15.9589, -32.1236

Protanomaly

124.4140, 12.1209, -14.3951

Deuteranomaly

124.6960, 14.4469, -13.7654

Tritanomaly

120.3470, 13.6329, -32.7533

Monochromacy



Original Color

120.6290, 15.9589, -32.1236

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6290, 15.9589, -32.1236 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(84, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(84, 133, 153)  
}
```

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(84, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 133, 153) }
```

Border

The CSS property to change the border of an element to YUV 120.6290, 15.9589, -32.1236 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(84, 133, 153) }
```


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

```
.border{ border-color:rgb(84, 133, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(84, 133,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 120.6290, 15.9589, -32.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 133, 153) }
```

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

```
.background{ background-color: rgb(84, 133,  
153) }
```

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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