

Converting Colors

YUV(121.5230, 19.9552,
-53.9557)

Have a look what the booklet for
YUV(121.5230, 19.9552, -53.9557)
contains.

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Color

**YUV(121.5230, 19.9552,
-53.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	3C91A2
RGB	60, 145, 162
RGB Percent	24%, 57%, 64%
CMY	0.7647, 0.4314, 0.3647
CMYK	0.63, 0.10, 0.00, 0.36
HSL	190°, 46%, 44%
HSV	190°, 63%, 64%
XYZ	18.5105, 23.8201, 37.8046
YIQ	121.5230, -56.1170, -12.7330

Conversions

Conversions Part 2

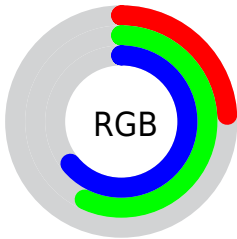
Format	Color
RYB	60, 106, 162
Decimal	3969442
CIELab	55.91, -20.12, -16.59
CIELCh	56, 26.082, 219.504
Yxy	23.8201, 0.2310, 0.2972
Android (android.graphics.Color)	4282159522 (0xFF3C91A2)
YUV	121.5230, 19.9552, -53.9557
Hunter-Lab	48.8058, -17.7110, -11.7614

Details

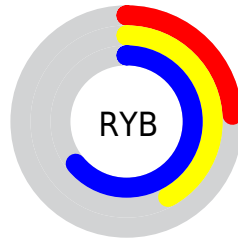
The YUV color **121.5230, 19.9552, -53.9557** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.4770, -19.9552, 53.9557**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8330, 19.8023, -51.5965**, and **67.7180, 20.8450, -59.3887** is the 20% darker color. If you saturate the color by 10%, you get **114.9780, 23.1818, -62.2477**, and if you desaturate by 10%, it is **128.0680, 16.7285, -45.6636**.

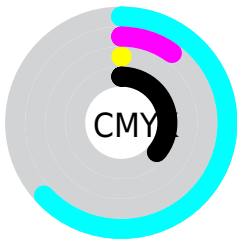
Distribution



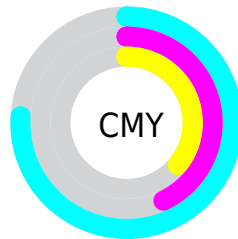
- Red (24%)
- Green (57%)
- Blue (64%)



- Red (24%)
- Yellow (42%)
- Blue (64%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5230, 19.9552, -53.9557 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 121.5230, 19.9552, -53.9557 by changing the saturation by 10% instead.

■ 121.5230, 19.9552,
-53.9557

■ 121.5230, 19.9552,
-53.9557

■ 255.0000, 0.0000,
0.0000

■ 92.5330, 21.4292,
-60.1034

■ 176.8330, 19.8023,
-51.5965

■ 67.7180, 20.8450,
-59.3887

■ 204.8330, 19.8023,
-51.5965

■ 50.8940, 17.3073,
-44.6340

■ 231.0800, 11.7926,
-49.1822

■ 35.3580, 13.6275,
-31.0090

■ 239.7510, 7.5178,
-31.3536

■ 21.1100, 9.8058,
-18.5135

■ 248.4220, 3.2430,
-13.5251

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 121.5230, 19.9552,
-53.9557

■ 121.5230, 19.9552,
-53.9557

■ 114.9780, 23.1818,
-62.2477

■ 128.0680, 16.7285,
-45.6636

■ 109.0200, 26.1191,
-71.0545

■ 134.0260, 13.7912,
-36.8568

■ 102.1760, 29.4932,
-79.9614

■ 140.8700, 10.4171,
-27.9500

■ 97.7130, 31.6935,
-85.6943

■ 147.4150, 7.1904,
-19.6580

■ 153.9600, 3.9637,
-11.3659

■ 159.9180, 1.0264,
-2.5591

■ 166.4630, -2.2003,
5.7329

■ 173.3070, -5.5744,
14.6398

■ 179.2650, -8.5116,
23.4466

Harmonies

Analogous

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



121.8090, 9.4612, -48.0675



121.5230, 19.9552, -53.9557



127.0500, 24.1324, -40.3858

Triad

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



121.5230, 19.9552, -53.9557



137.4840, 6.1704, 27.6395



132.1480, -21.2720, 9.5172

Complementary

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



121.5230, 19.9552, -53.9557



100.4770, -19.9552, 53.9557

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.



133.7740, -20.5946, 25.6312



121.5230, 19.9552, -53.9557



136.6780, -4.7713, 37.1164

Square

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



121.5230, 19.9552, -53.9557



136.8820, 15.8342, 7.9965



135.1480, -14.3700, 35.8272



129.2210, -15.3920, -9.8408

Rectangle

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



121.5230, 19.9552, -53.9557



131.0350, 23.6467, -24.5867



135.1480, -14.3700, 35.8272



132.4800, -21.4356, 15.3650

Sweetspot

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



121.5230, 19.9552, -53.9557



195.6320, 8.0694, -21.6023



121.8120, -22.0923, -54.2091



97.1770, 4.8427, -13.3102



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.



121.5230, 19.9552, -53.9557



148.0120, 31.5461, -85.0795



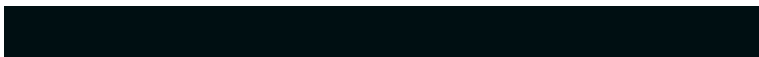
91.5860, 34.7141, -27.7009



78.1350, 1.9054, -4.5034



87.5570, 28.3194, -76.7875



10.8570, 3.5215, -9.5216

Inverse Universe

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



100.1880, 22.0923, 54.2091



114.4150, 34.7984, 85.5820



130.4140, -34.7141, 27.7009



76.4890, 1.7309, 4.8331



57.1490, 31.4785, 77.0453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 121.5230, 19.9552, -53.9557 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 121.5230, 19.9552, -53.9557 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 121.5230, 19.9552, -53.9557

Background



This preview shows how black text looks on a background with the YUV color 121.5230, 19.9552, -53.9557.



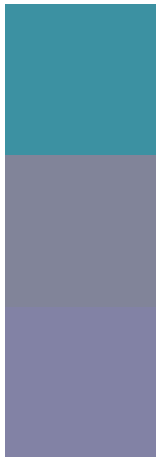
This preview shows how white text looks on a background with the YUV color 121.5230, 19.9552, -53.9557.

-53.9557.

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

121.5230, 19.9552, -53.9557

Protanopia

133.4970, 9.6150, -3.9439

Deuteranopia

133.9900, 15.2879, -3.4992



Tritanopia

121.0560, 18.2134, -55.3001

Trichromacy



Original Color

121.5230, 19.9552, -53.9557

Protanomaly

129.2990, 13.1636, -22.1872

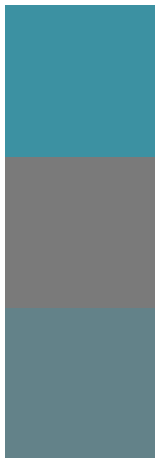
Deuteranomaly

129.3360, 17.0894, -21.3427

Tritanomaly

121.4690, 18.5028, -54.7853

Monochromacy



Original Color

121.5230, 19.9552, -53.9557

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.5290, 7.6272, -19.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5230, 19.9552, -53.9557 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(60, 145, 162)` looks like.

```
.text, #text, p{  
  color:rgb(60, 145, 162)  
}
```

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(60, 145, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 145, 162) }
```

Border

The CSS property to change the border of an element to YUV 121.5230, 19.9552, -53.9557 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(60, 145, 162) }
```


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

```
.border{ border-color:rgb(60, 145, 162) }
```

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

Here you see how a box with a 4 pixel rgb(60, 145, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 145, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 145, 162);  
box-shadow:4px 4px 4px 4px rgb(60, 145,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 121.5230, 19.9552, -53.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 145, 162) }
```

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

```
.background{ background-color: rgb(60, 145,  
162) }
```

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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