

Converting Colors

YUV(128.3490, 20.5339,
-52.9261)

Have a look what the booklet for
YUV(128.3490, 20.5339, -52.9261)
contains.

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Color

**YUV(128.3490, 20.5339,
-52.9261)**

Conversions

Conversions Part 1

Format	Color
Hex	4497AA
RGB	68, 151, 170
RGB Percent	27%, 59%, 67%
CMY	0.7333, 0.4078, 0.3333
CMYK	0.60, 0.11, 0.00, 0.33
HSL	191°, 43%, 47%
HSV	191°, 60%, 67%
XYZ	20.7062, 26.2644, 42.0084
YIQ	128.3490, -55.5670, -11.6870

Conversions

Conversions Part 2

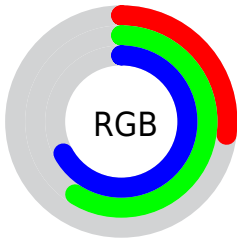
Format	Color
R _Y B	68, 114, 170
Decimal	4495274
CIE Lab	58.29, -19.35, -17.52
CIE LCh	58, 26.100, 222.155
Yxy	26.2644, 0.2327, 0.2952
Android (android.graphics.Color)	4282685354 (0xFF4497AA)
YUV	128.3490, 20.5339, -52.9261
Hunter-Lab	51.2488, -17.5657, -12.7255

Details

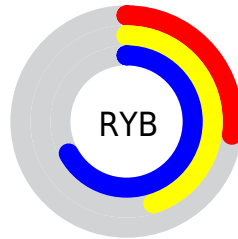
The YUV color **128.3490, 20.5339, -52.9261** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.6510, -20.5339, 52.9261**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6590, 20.3811, -50.5669**, and **72.1520, 22.6031, -63.2773** is the 20% darker color. If you saturate the color by 10%, you get **121.5050, 23.9080, -61.8329**, and if you desaturate by 10%, it is **135.1930, 17.1599, -44.0193**.

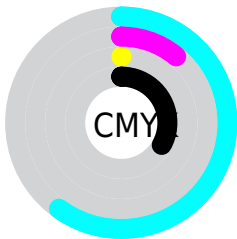
Distribution



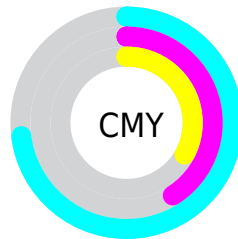
- Red (27%)
- Green (59%)
- Blue (67%)



- Red (27%)
- Yellow (45%)
- Blue (67%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3490, 20.5339, -52.9261 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 128.3490, 20.5339, -52.9261 by changing the saturation by 10% instead.

128.3490, 20.5339,
-52.9261

128.3490, 20.5339,
-52.9261

255.0000, 0.0000,
0.0000

100.1420, 21.1290,
-57.1295

183.6590, 20.3811,
-50.5669

72.1520, 22.6031,
-63.2773

212.3600, 20.5285,
-51.1817

55.2140, 18.6285,
-48.4227

233.4720, 10.6133,
-44.2639

38.9770, 14.8013,
-34.1828

242.1430, 6.3385,
-26.4354

24.1420, 11.2690,
-21.1725

250.8140, 2.0637,
-8.6069

3.6650, 11.5042,
-3.2142

0.0000, 0.0000,

0.0000

■ 128.3490, 20.5339,
-52.9261

■ 128.3490, 20.5339,
-52.9261

■ 121.5050, 23.9080,
-61.8329

■ 135.1930, 17.1599,
-44.0193

■ 114.6610, 27.2821,
-70.7397

■ 142.0370, 13.7858,
-35.1124

■ 107.2300, 30.9456,
-79.1317

■ 148.8810, 10.4117,
-26.2056

■ 100.3860, 34.3197,
-88.0385

■ 156.3120, 6.7482,
-17.8136

■ 163.1560, 3.3741,
-8.9068

■ 170.0000, 0.0000,
0.0000

■ 176.8440, -3.3741,
8.9068

■ 183.6880, -6.7482,
17.8136

■ 190.5320,
-10.1223, 26.7204

Harmonies

Analogous

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



128.3250, 10.1928, -49.3970



128.3490, 20.5339, -52.9261



133.4740, 24.4163, -38.1267

Triad

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



128.3490, 20.5339, -52.9261



143.9680, 5.4388, 28.9691



138.1370, -21.2665, 7.7729

Complementary

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



128.3490, 20.5339, -52.9261



109.6510, -20.5339, 52.9261

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.



139.9480, -21.1734, 24.6016



128.3490, 20.5339, -52.9261



142.8630, -5.3555, 37.8311

Square

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



128.3490, 20.5339, -52.9261



143.0780, 15.2445, 10.4556



141.6210, -15.0962, 35.4124



135.1390, -14.3655, -12.3999

Rectangle

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



128.3490, 20.5339, -52.9261



138.2310, 23.0571, -22.1276



141.6210, -15.0962, 35.4124



138.6540, -22.0144, 14.3354

Sweetspot

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



128.3490, 20.5339, -52.9261



205.3440, 8.2114, -20.4727



130.0400, -21.2187, -54.4091



102.4760, 4.6953, -12.6955



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



128.3490, 20.5339, -52.9261



156.5500, 32.2669, -82.9203



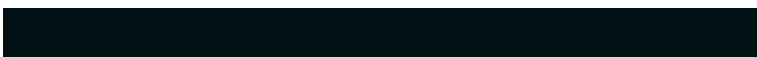
98.4120, 35.2929, -26.6713



81.0210, 1.4686, -4.4034



87.3120, 29.9192, -76.5726



12.2590, 3.8163, -10.7511

Inverse Universe

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



107.9600, 21.2187, 54.4091



124.6600, 33.1986, 85.3672



139.5880, -35.2929, 26.6713



79.1900, 1.8783, 4.2184



57.9320, 30.5995, 78.9896



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 128.3490, 20.5339, -52.9261 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 128.3490, 20.5339, -52.9261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

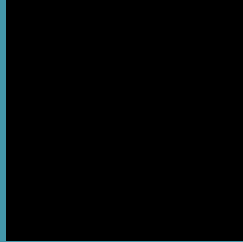
Any Text WCAG AA ✓ Pass

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 128.3490, 20.5339, -52.9261 Background



This preview shows how black text looks on a background with the YUV color 128.3490, 20.5339, -52.9261.



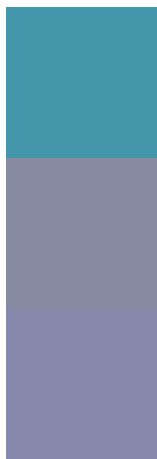
This preview shows how white text looks on a background with the YUV color 128.3490, 20.5339, -52.9261.

-52.9261.

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

128.3490, 20.5339, -52.9261

Protanopia

139.7250, 10.4886, -4.1438

Deuteranopia

140.8050, 15.8721, -4.2140



Tritanopia

127.3550, 18.0660, -54.6853

Trichromacy



Original Color

128.3490, 20.5339, -52.9261

Protanomaly

135.8260, 13.8898, -21.7724

Deuteranomaly

136.1510, 17.6736, -22.0574

Tritanomaly

127.8820, 18.7922, -54.2705

Monochromacy



Original Color

128.3490, 20.5339, -52.9261

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8280, 7.4798, -19.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3490, 20.5339, -52.9261 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(68, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(68, 151, 170)  
}
```

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(68, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 151, 170) }
```

Border

The CSS property to change the border of an element to YUV 128.3490, 20.5339, -52.9261 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(68, 151, 170) }
```


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

```
.border{ border-color:rgb(68, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(68, 151,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 128.3490, 20.5339, -52.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 151, 170) }
```

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

```
.background{ background-color: rgb(68, 151,  
170) }
```

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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