

Converting Colors

YUV(110.7280, 25.7701,
-52.3815)

Have a look what the booklet for
YUV(110.7280, 25.7701, -52.3815)
contains.

YUV(110.7280, 25.7701, -52.3815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(110.7280, 25.7701,
-52.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	3383A3
RGB	51, 131, 163
RGB Percent	20%, 51%, 64%
CMY	0.8000, 0.4863, 0.3608
CMYK	0.69, 0.20, 0.00, 0.36
HSL	197°, 52%, 42%
HSV	197°, 69%, 64%
XYZ	16.0924, 19.5808, 37.5816
YIQ	110.7280, -57.9520, -7.0080

Conversions

Conversions Part 2

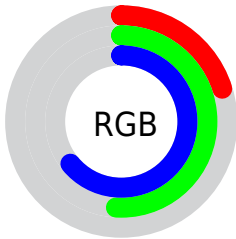
Format	Color
R_{YB}	51, 98, 163
Decimal	3376035
CIE _{Lab}	51.36, -13.74, -24.16
CIE _{LCh}	51, 27.788, 240.374
Yxy	19.5808, 0.2197, 0.2673
Android (android.graphics.Color)	4281566115 (0xFF3383A3)
YUV	110.7280, 25.7701, -52.3815
Hunter-Lab	44.2501, -12.5229, -19.3799

Details

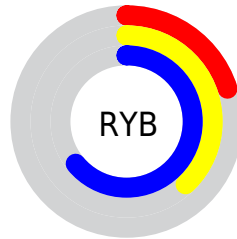
The YUV color **110.7280, 25.7701, -52.3815** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **103.2720, -25.7701, 52.3815**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0490, 25.6118, -48.2780**, and **60.7880, 24.7545, -53.3111** is the 20% darker color. If you saturate the color by 10%, you get **103.0090, 29.5756, -59.6439**, and if you desaturate by 10%, it is **118.4470, 21.9646, -45.1190**.

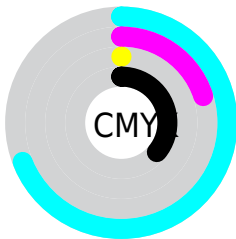
Distribution



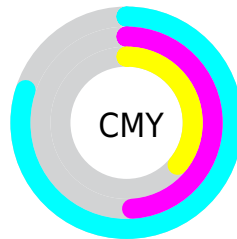
- Red (20%)
- Green (51%)
- Blue (64%)



- Red (20%)
- Yellow (38%)
- Blue (64%)



- Cyan (69%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7280, 25.7701, -52.3815 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 110.7280, 25.7701, -52.3815 by changing the saturation by 10% instead.

■ 110.7280, 25.7701,
-52.3815

■ 110.7280, 25.7701,
-52.3815

■ 255.0000, 0.0000,
0.0000

■ 79.3350, 28.4288,
-65.1918

■ 166.0490, 25.6118,
-48.2780

■ 60.7880, 24.7545,
-53.3111

■ 194.1630, 26.0486,
-48.3780

■ 44.5510, 20.9274,
-39.0712

■ 220.1820, 17.1653,
-45.7636

■ 28.9010, 16.8108,
-25.3462

■ 237.6580, 8.5496,
-35.6571

■ 11.7180, 14.4360,
-10.2767

■ 246.3290, 4.2748,
-17.8285

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 110.7280, 25.7701,
-52.3815

■ 110.7280, 25.7701,
-52.3815

■ 103.0090, 29.5756,
-59.6439

■ 118.4470, 21.9646,
-45.1190

■ 95.5780, 33.2390,
-68.0359

■ 125.8780, 18.3011,
-36.7270

■ 87.8590, 37.0445,
-75.2983

■ 133.5970, 14.4957,
-29.4646

■ 86.6740, 37.6287,
-76.0131

■ 141.3160, 10.6902,
-22.2021

■ 148.7470, 7.0267,
-13.8101

■ 156.4660, 3.2213,
-6.5477

■ 164.1850, -0.5842,
0.7148

■ 171.3170, -4.1003,
8.4920

■ 179.3350, -8.0532,
16.3692

Harmonies

Analogous

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



105.7560, 19.8403, -63.8070



110.7280, 25.7701, -52.3815



119.2520, 24.5258, -26.5310

Triad

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



110.7280, 25.7701, -52.3815



125.0030, -0.9875, 36.8314



118.1570, -18.3184, -4.5227

Complementary

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



110.7280, 25.7701, -52.3815



103.2720, -25.7701, 52.3815

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.



120.8390, -22.5986, 15.0502



110.7280, 25.7701, -52.3815



123.8540, -11.7600, 38.7160

Square

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



110.7280, 25.7701, -52.3815



125.7870, 9.9650, 23.8658



122.6220, -20.0266, 30.1495



114.6580, -8.2124, -26.0101

Rectangle

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



110.7280, 25.7701, -52.3815



122.9770, 21.7033, -7.8728



122.6220, -20.0266, 30.1495



119.2180, -20.8135, 2.4398

Sweetspot

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



110.7280, 25.7701, -52.3815



190.9140, 10.3954, -20.9726



120.3920, -18.4343, -60.8568



94.2310, 6.2951, -12.4806



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.



110.7280, 25.7701, -52.3815



130.6240, 40.1184, -81.2312



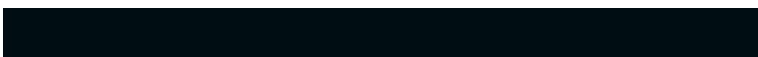
77.8560, 41.9760, -23.5527



77.5480, 2.1948, -3.9886



77.5780, 33.2390, -68.0359



9.6830, 4.1003, -8.4920

Inverse Universe

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



93.6080, 18.4343, 60.8568



104.1620, 28.5141, 94.5739



136.1440, -41.9760, 23.5527



76.3750, 1.2941, 4.9331



55.2110, 24.0530, 78.7450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 110.7280, 25.7701, -52.3815 looks on a white background.

Color Contrast Check

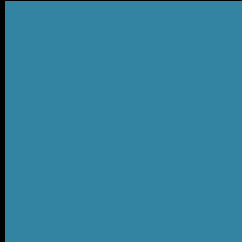
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.7280, 25.7701, -52.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

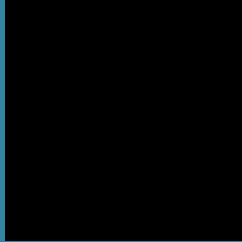
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.7280, 25.7701, -52.3815

Background



This preview shows how black text looks on a background with the YUV color 110.7280, 25.7701, -52.3815.

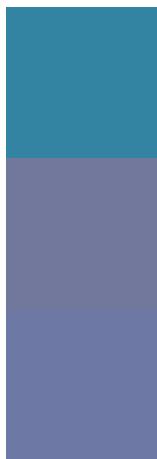


This preview shows how white text looks on a background with the YUV color 110.7280, 25.7701, -52.3815.

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

110.7280, 25.7701, -52.3815

Protanopia

121.8970, 16.3198, -7.8027

Deuteranopia

121.8410, 21.2774, -11.2616



Tritanopia

107.1480, 18.6610, -58.8888

Trichromacy



Original Color

110.7280, 25.7701, -52.3815

Protanomaly

117.7100, 19.8630, -24.3017

Deuteranomaly

117.7960, 22.7786, -26.1311

Tritanomaly

108.5550, 21.4184, -56.6147

Monochromacy



Original Color

110.7280, 25.7701, -52.3815

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.6970, 9.5164, -19.0283

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7280, 25.7701, -52.3815 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(51, 131, 163)` looks like.

```
.text, #text, p{  
    color:rgb(51, 131, 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(51, 131, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 131, 163) }
```

Border

The CSS property to change the border of an element to YUV 110.7280, 25.7701, -52.3815 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(51, 131, 163) }
```


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

```
.border{ border-color:rgb(51, 131, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 131, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 131, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 131, 163);  
box-shadow:4px 4px 4px 4px rgb(51, 131,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 110.7280, 25.7701, -52.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 131, 163) }
```

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

```
.background{ background-color: rgb(51, 131,  
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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