

Converting Colors

YUV(110.8920, 20.2662,
-60.4183)

Have a look what the booklet for
YUV(110.8920, 20.2662, -60.4183)
contains.

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Color

**YUV(110.8920, 20.2662,
-60.4183)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8A98
RGB	42, 138, 152
RGB Percent	16%, 54%, 60%
CMY	0.8353, 0.4588, 0.4039
CMYK	0.72, 0.09, 0.00, 0.40
HSL	188°, 57%, 38%
HSV	188°, 72%, 60%
XYZ	15.7108, 20.9362, 32.9188
YIQ	110.8920, -61.7100, -15.9980

Conversions

Conversions Part 2

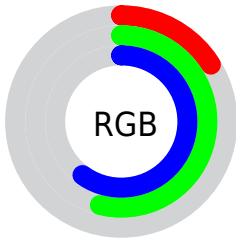
Format	Color
R_{YB}	42, 93, 152
Decimal	2787992
CIE _{Lab}	52.88, -22.49, -15.47
CIE _{LCh}	53, 27.300, 214.529
Yxy	20.9362, 0.2258, 0.3010
Android (android.graphics.Color)	4280978072 (0xFF2A8A98)
YUV	110.8920, 20.2662, -60.4183
Hunter-Lab	45.7561, -18.7834, -10.6264

Details

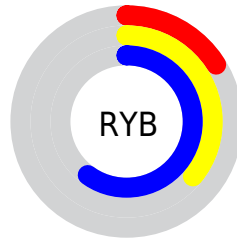
The YUV color **110.8920, 20.2662, -60.4183** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83.1080, -20.2662, 60.4183**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2840, 19.0870, -55.5001**, and **63.1700, 18.6502, -55.4001** is the 20% darker color. If you saturate the color by 10%, you get **105.2330, 23.0561, -68.6103**, and if you desaturate by 10%, it is **116.5510, 17.4764, -52.2262**.

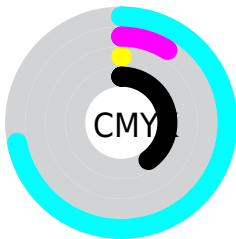
Distribution



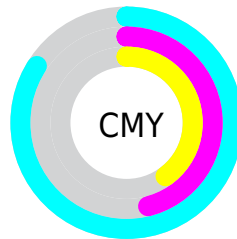
- Red (16%)
- Green (54%)
- Blue (60%)



- Red (16%)
- Yellow (36%)
- Blue (60%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8920, 20.2662, -60.4183 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 110.8920, 20.2662, -60.4183 by changing the saturation by 10% instead.

■ 110.8920, 20.2662,
-60.4183

■ 110.8920, 20.2662,
-60.4183

■ 255.0000, 0.0000,
0.0000

■ 80.1080, 22.6248,
-70.2547

■ 167.2840, 19.0870,
-55.5001

■ 63.1700, 18.6502,
-55.4001

■ 195.5830, 18.9396,
-54.8853

■ 46.3460, 15.1124,
-40.6454

■ 222.7850, 15.8820,
-54.1854

■ 30.8100, 11.4327,
-27.0204

■ 235.5650, 9.5815,
-39.9605

■ 14.9150, 8.9159,
-13.0805

■ 244.5350, 5.1592,
-21.5172

■ 0.9120, 3.4944,
-0.7998

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 110.8920, 20.2662,
-60.4183

■ 110.8920, 20.2662,
-60.4183

■ 105.2330, 23.0561,
-68.6103

■ 116.5510, 17.4764,
-52.2262

■ 99.5740, 25.8460,
-76.8024

■ 122.2100, 14.6865,
-44.0342

■ 95.3990, 27.9043,
-83.6649

■ 128.1680, 11.7492,
-35.2273

■ 133.8270, 8.9593,
-27.0353

■ 139.4860, 6.1694,
-18.8432

■ 145.1450, 3.3795,
-10.6512

■ 150.8040, 0.5896,
-2.4591

■ 156.1750, -2.0583,
6.8625

■ 161.8340, -4.8482,
15.0546

Harmonies

Analogous

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



113.3420, 7.7194, -49.4119



110.8920, 20.2662, -60.4183



116.6470, 25.3170, -47.0484

Triad

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



110.8920, 20.2662, -60.4183



129.4560, 8.6492, 25.9101



124.5290, -22.4458, 12.6911

Complementary

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



110.8920, 20.2662, -60.4183



83.1080, -20.2662, 60.4183

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.



126.3830, -20.8948, 28.6051



110.8920, 20.2662, -60.4183



128.5470, -2.7347, 37.2313

Square

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



110.8920, 20.2662, -60.4183



128.7290, 17.8816, 4.6227



127.8000, -13.2124, 37.8864



122.0750, -17.2920, -7.0818

Rectangle

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



110.8920, 20.2662, -60.4183



121.9310, 24.6840, -30.6345



127.8000, -13.2124, 37.8864



124.8610, -22.6095, 18.5389

Sweetspot

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



110.8920, 20.2662, -60.4183



180.2080, 7.7855, -23.8614



108.0520, -26.1546, -57.9276



89.7640, 4.5533, -13.8250



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.



110.8920, 20.2662, -60.4183



132.8430, 31.1364, -93.7013



79.1940, 35.8934, -32.6191



74.0210, 1.4686, -4.4034



87.5740, 25.8460, -76.8024



7.9390, 2.4951, -6.9625

Inverse Universe

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



85.8340, 25.7178, 58.0276



93.8160, 40.0237, 89.6154



114.8060, -35.8934, 32.6191



72.1900, 1.8783, 4.2184



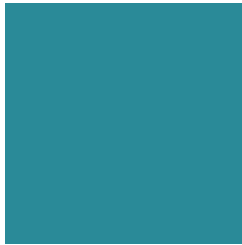
55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 110.8920, 20.2662, -60.4183 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 110.8920, 20.2662, -60.4183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

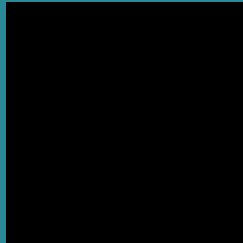
Any Text WCAG AA ✓ Pass

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 110.8920, 20.2662, -60.4183 Background



This preview shows how black text looks on a background with the YUV color 110.8920, 20.2662, -60.4183.



This preview shows how white text looks on a background with the YUV color 110.8920, 20.2662, -60.4183.

-60.4183.

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

110.8920, 20.2662, -60.4183

Protanopia

125.5680, 8.5940, -3.1291

Deuteranopia

126.3490, 14.1249, -3.8141



Tritanopia

110.0660, 19.6875, -61.4479

Trichromacy



Original Color

110.8920, 20.2662, -60.4183

Protanomaly

120.1740, 12.7322, -23.8316

Deuteranomaly

120.4990, 16.5160, -24.1166

Tritanomaly

110.4790, 19.9769, -60.9331

Monochromacy



Original Color

110.8920, 20.2662, -60.4183

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1050, 7.3432, -22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8920, 20.2662, -60.4183 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(42, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(42, 138, 152)  
}
```

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(42, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 138, 152) }
```

Border

The CSS property to change the border of an element to YUV 110.8920, 20.2662, -60.4183 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(42, 138, 152) }
```


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

```
.border{ border-color:rgb(42, 138, 152) }
```

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

Here you see how a box with a 4 pixel rgb(42, 138, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 138, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 138, 152);  
box-shadow:4px 4px 4px 4px rgb(42, 138,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 110.8920, 20.2662, -60.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 138, 152) }
```

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

```
.background{ background-color: rgb(42, 138,  
152) }
```

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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