

Converting Colors

YUV(114.2830, 20.5665,
-63.3922)

Have a look what the booklet for
YUV(114.2830, 20.5665, -63.3922)
contains.

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Color

**YUV(114.2830, 20.5665,
-63.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8F9C
RGB	42, 143, 156
RGB Percent	16%, 56%, 61%
CMY	0.8353, 0.4392, 0.3882
CMYK	0.73, 0.08, 0.00, 0.39
HSL	187°, 58%, 39%
HSV	187°, 73%, 61%
XYZ	16.7781, 22.5375, 34.9184
YIQ	114.2830, -64.3690, -17.3690

Conversions

Conversions Part 2

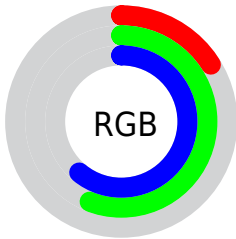
Format	Color
R_{YB}	42, 96, 156
Decimal	2789276
CIE _{Lab}	54.59, -23.80, -15.19
CIE _{LCh}	55, 28.230, 212.543
Yxy	22.5375, 0.2260, 0.3036
Android (android.graphics.Color)	4280979356 (0xFF2A8F9C)
YUV	114.2830, 20.5665, -63.3922
Hunter-Lab	47.4736, -19.9937, -10.3781

Details

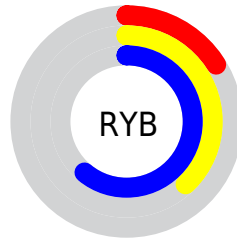
The YUV color **114.2830, 20.5665, -63.3922** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83.7170, -20.5665, 63.3922**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9740, 19.2398, -57.8592**, and **65.9740, 19.2398, -57.8592** is the 20% darker color. If you saturate the color by 10%, you get **108.3250, 23.5038, -72.1990**, and if you desaturate by 10%, it is **120.2410, 17.6292, -54.5854**.

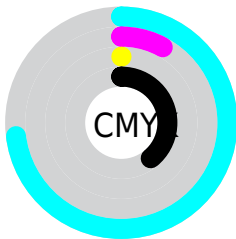
Distribution



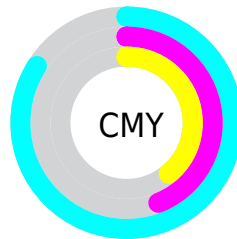
- Red (16%)
- Green (56%)
- Blue (61%)



- Red (16%)
- Yellow (38%)
- Blue (61%)



- Cyan (73%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (84%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2830, 20.5665, -63.3922 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 114.2830, 20.5665, -63.3922 by changing the saturation by 10% instead.

■ 114.2830, 20.5665,
-63.3922

■ 114.2830, 20.5665,
-63.3922

■ 255.0000, 0.0000,
0.0000

■ 83.4990, 22.9250,
-73.2286

■ 170.9740, 19.2398,
-57.8592

■ 65.9740, 19.2398,
-57.8592

■ 199.3870, 19.5292,
-57.3444

■ 49.1500, 15.7020,
-43.1045

■ 226.9050, 13.8508,
-56.0447

■ 33.6140, 12.0223,
-29.4795

■ 236.1630, 9.2866,
-38.7310

■ 19.3660, 8.2006,
-16.9840

■ 244.8340, 5.0118,
-20.9024

■ 2.1830, 5.8258,
-1.9145

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 114.2830, 20.5665,
-63.3922

■ 114.2830, 20.5665,
-63.3922

■ 108.3250, 23.5038,
-72.1990

■ 120.2410, 17.6292,
-54.5854

■ 102.6660, 26.2937,
-80.3911

■ 125.9000, 14.8393,
-46.3933

■ 98.7900, 28.2045,
-86.6388

■ 131.2710, 12.1914,
-37.0717

■ 136.9300, 9.4015,
-28.8796

■ 142.8880, 6.4642,
-20.0728

■ 148.8460, 3.5269,
-11.2659

■ 153.9180, 1.0264,
-2.5591

■ 159.8760, -1.9109,
6.2477

■ 165.5350, -4.7008,
14.4398

Harmonies

Analogous

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



117.5160, 7.1406, -50.4415



114.2830, 20.5665, -63.3922



119.8530, 26.2015, -50.7371

Triad

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



114.2830, 20.5665, -63.3922



134.3850, 9.6702, 25.0954



129.0130, -23.1774, 14.0206

Complementary

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



114.2830, 20.5665, -63.3922



83.7170, -20.5665, 63.3922

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.



130.6930, -21.0476, 30.9642



114.2830, 20.5665, -63.3922



133.3730, -2.1559, 38.2609

Square

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



114.2830, 20.5665, -63.3922



133.0600, 19.1974, 2.5784



131.9250, -12.7810, 39.5308



126.1460, -18.3130, -6.2670

Rectangle

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



114.2830, 20.5665, -63.3922



125.6640, 26.2946, -33.9083



131.9250, -12.7810, 39.5308



129.6440, -23.4885, 20.4832

Sweetspot

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



114.2830, 20.5665, -63.3922



187.6100, 8.0803, -25.0910



110.1720, -28.1858, -59.7868



92.1660, 4.8482, -15.0546



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



114.2830, 20.5665, -63.3922



138.4400, 32.3211, -100.3639



81.9980, 36.4830, -35.0782



76.0210, 1.4686, -4.4034



90.8510, 25.7095, -79.6763



9.9280, 2.5005, -8.7069

Inverse Universe

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



87.6000, 27.3122, 59.9868



96.0600, 43.3544, 94.6634



116.0020, -36.4830, 35.0782



74.1900, 1.8783, 4.2184



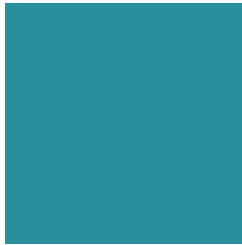
57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 114.2830, 20.5665, -63.3922 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 114.2830, 20.5665, -63.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

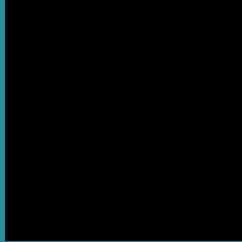
Any Text WCAG AA ✓ Pass

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 114.2830, 20.5665, -63.3922 Background



This preview shows how black text looks on a background with the YUV color 114.2830, 20.5665, -63.3922.



This preview shows how white text looks on a background with the YUV color 114.2830, 20.5665, -63.3922.

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

114.2830, 20.5665, -63.3922

Protanopia

130.4540, 8.1572, -3.0292

Deuteranopia

130.7620, 14.4143, -3.2993



Tritanopia

113.8700, 20.2771, -63.9070

Trichromacy



Original Color

114.2830, 20.5665, -63.3922

Protanomaly

124.4620, 12.5902, -24.9612

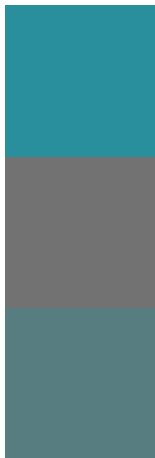
Deuteranomaly

124.9010, 16.8108, -25.3462

Tritanomaly

113.8700, 20.2771, -63.9070

Monochromacy



Original Color

114.2830, 20.5665, -63.3922

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3930, 7.2013, -23.1467

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2830, 20.5665, -63.3922 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, 143, 156)` looks like.

```
.text, #text, p{  
    color:rgb(42, 143, 156)  
}
```

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, 143, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 143, 156) }
```

Border

The CSS property to change the border of an element to YUV 114.2830, 20.5665, -63.3922 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, 143, 156) }
```


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

```
.border{ border-color:rgb(42, 143, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 143, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 143, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 143, 156);  
box-shadow:4px 4px 4px 4px rgb(42, 143,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 114.2830, 20.5665, -63.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 143, 156) }
```

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

```
.background{ background-color: rgb(42, 143,  
156) }
```

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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