

Converting Colors

YUV(164.2920, 20.5620,
-15.1651)

Have a look what the booklet for
YUV(164.2920, 20.5620, -15.1651)
contains.

YUV(164.2920, 20.5620, -15.1651)	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(164.2920, 20.5620,
-15.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	93A5CE
RGB	147, 165, 206
RGB Percent	58%, 65%, 81%
CMY	0.4235, 0.3529, 0.1922
CMYK	0.29, 0.20, 0.00, 0.19
HSL	222°, 38%, 69%
HSV	222°, 29%, 81%
XYZ	36.6283, 37.5695, 63.7136
YIQ	164.2920, -23.8890, 8.9350

Conversions

Conversions Part 2

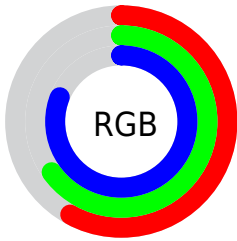
Format	Color
R _Y B	147, 161, 206
Decimal	9676238
CIE Lab	67.70, 3.07, -22.97
CIE LCh	68, 23.174, 277.615
Yxy	37.5695, 0.2656, 0.2724
Android (android.graphics.Color)	4287866318 (0xFF93A5CE)
YUV	164.2920, 20.5620, -15.1651
Hunter-Lab	61.2940, -0.5957, -18.7247

Details

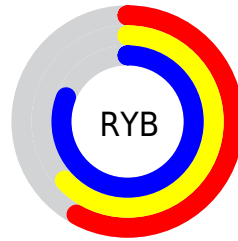
The YUV color **164.2920, 20.5620, -15.1651** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **188.7080, -20.5620, 15.1651**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6080, 17.9413, -14.5652**, and **112.0640, 19.6884, -14.9651** is the 20% darker color. If you saturate the color by 10%, you get **149.7950, 27.7091, -20.8682**, and if you desaturate by 10%, it is **178.7890, 13.4150, -9.4620**.

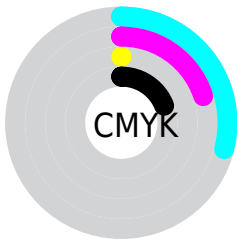
Distribution



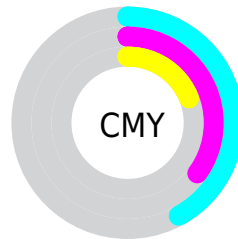
- Red (58%)
- Green (65%)
- Blue (81%)



- Red (58%)
- Yellow (63%)
- Blue (81%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (42%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2920, 20.5620, -15.1651 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 164.2920, 20.5620, -15.1651 by changing the saturation by 10% instead.

■ 164.2920, 20.5620,
-15.1651

■ 164.2920, 20.5620,
-15.1651

255.0000, 0.0000,
0.0000

■ 138.0640, 19.6884,
-14.9651

■ 218.6080, 17.9413,
-14.5652

■ 112.0640, 19.6884,
-14.9651

■ 243.4160, 5.7109,
-11.7658

■ 87.5370, 18.9623,
-15.3799

■ 63.7110, 18.3835,
-16.4095

■ 40.1730, 17.6627,
-18.5687

■ 20.1300, 16.2049,
-17.6540

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 164.2920, 20.5620,
-15.1651

■ 164.2920, 20.5620,
-15.1651

■ 149.7950, 27.7091,
-20.8682

■ 178.7890, 13.4150,
-9.4620

■ 135.0100, 34.9981,
-25.4418

■ 193.5740, 6.1260,
-4.8884

■ 120.5130, 42.1451,
-31.1449

■ 208.0710, -1.0210,
0.8147

■ 106.3150, 49.1447,
-36.2333

■ 222.2690, -8.0206,
5.9031

■ 91.2310, 56.5811,
-41.4216

■ 237.3530,
-15.4570, 11.0914

■ 76.7340, 63.7281,
-47.1247

■ 247.0660,
-20.2455, 6.9581

■ 62.5360, 70.7278,
-52.2131

■ 249.4140,
-21.4031, 4.8989

■ 60.4650, 71.7488,
-53.0278

Harmonies

Analogous

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



159.3990, 21.4953, -34.5529



164.2920, 20.5620, -15.1651



167.6430, 14.9660, 6.4521

Triad

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



164.2920, 20.5620, -15.1651



166.7780, -13.2016, 34.3977



157.8690, -4.8654, -26.1951

Complementary

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



164.2920, 20.5620, -15.1651



188.7080, -20.5620, 15.1651

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.



160.7590, -14.6712, -7.6816



164.2920, 20.5620, -15.1651



165.2300, -18.8474, 25.2313

Square

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



164.2920, 20.5620, -15.1651



168.1830, -4.0342, 34.0425



163.2020, -19.8196, 10.3468



156.1690, 6.8187, -40.4902

Rectangle

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



164.2920, 20.5620, -15.1651



168.6400, 9.5445, 18.7327



163.2020, -19.8196, 10.3468



158.9900, -8.3761, -20.1622

Sweetspot

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



164.2920, 20.5620, -15.1651



238.7310, 8.0206, -5.9031



186.1930, 0.3979, -34.3723



117.6450, 5.1050, -4.0737



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



164.2920, 20.5620, -15.1651



193.7670, 30.1879, -22.5977



157.0150, 24.1496, 0.8638



94.9010, 3.4998, -2.5442



48.8610, 57.7495, -42.8511



11.3760, 13.1256, -9.9768

Inverse Universe

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



166.6930, -0.8346, 34.4722



197.0910, -1.0309, 50.7862



195.9850, -24.1496, -0.8638



95.3320, -0.1637, 5.8478



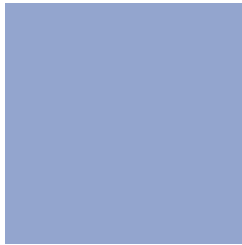
55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 164.2920, 20.5620, -15.1651 looks on a white background.

Color Contrast Check

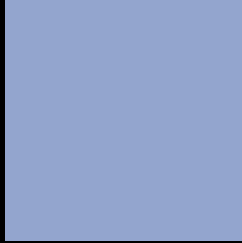
Large Text (above 18pt) WCAG AA × Fail

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 164.2920, 20.5620, -15.1651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

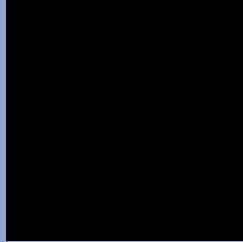
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

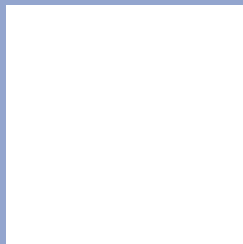
Any Text WCAG AAA ✓ Pass

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

YUV 164.2920, 20.5620, -15.1651 Background



This preview shows how black text looks on a background with the YUV color 164.2920, 20.5620, -15.1651.



This preview shows how white text looks on a background with the YUV color 164.2920, 20.5620, -15.1651.

-15.1651.

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

164.2920, 20.5620, -15.1651

Protanopia

165.3960, 19.5248, -9.1173

Deuteranopia

165.6460, 20.3875, -5.8285



Tritanopia

162.5230, 10.0952, -17.9987

Trichromacy



Original Color

164.2920, 20.5620, -15.1651

Protanomaly

165.0860, 19.6776, -11.4764

Deuteranomaly

165.0370, 20.6878, -8.8024

Tritanomaly

163.4460, 13.5841, -17.0541

Monochromacy



Original Color

164.2920, 20.5620, -15.1651

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9160, 7.4364, -5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2920, 20.5620, -15.1651 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(147, 165, 206)` looks like.

```
.text, #text, p{  
    color:rgb(147, 165, 206)  
}
```

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(147, 165, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 165, 206) }
```

Border

The CSS property to change the border of an element to YUV 164.2920, 20.5620, -15.1651 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(147, 165, 206) }
```


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

```
.border{ border-color:rgb(147, 165, 206) }
```

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

Here you see how a box with a 4 pixel rgb(147, 165, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(147, 165,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 164.2920, 20.5620, -15.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 165, 206) }
```

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

```
.background{ background-color: rgb(147,  
165, 206) }
```

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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