

Converting Colors

YUV(166.1820, 20.6163,
-32.6086)

Have a look what the booklet for
YUV(166.1820, 20.6163, -32.6086)
contains.

YUV(166.1820, 20.6163, -32.6086)	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(166.1820, 20.6163,
-32.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	81B1D0
RGB	129, 177, 208
RGB Percent	51%, 69%, 82%
CMY	0.4941, 0.3059, 0.1843
CMYK	0.38, 0.15, 0.00, 0.18
HSL	204°, 46%, 66%
HSV	204°, 38%, 82%
XYZ	36.1606, 40.6655, 65.6179
YIQ	166.1820, -38.5590, -0.5350

Conversions

Conversions Part 2

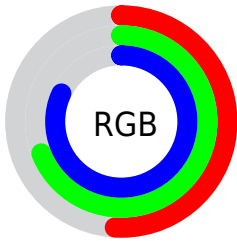
Format	Color
RYB	129, 159, 208
Decimal	8499664
CIELab	69.94, -8.13, -20.76
CIELCh	70, 22.297, 248.603
Yxy	40.6655, 0.2539, 0.2855
Android (android.graphics.Color)	4286689744 (0xFF81B1D0)
YUV	166.1820, 20.6163, -32.6086
Hunter-Lab	63.7695, -10.3780, -16.3699

Details

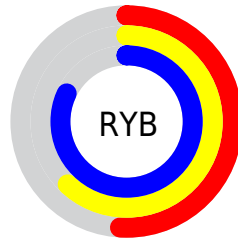
The YUV color **166.1820, 20.6163, -32.6086** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.8180, -20.6163, 32.6086**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8570, 16.8325, -32.3236**, and **112.7690, 20.3269, -33.1234** is the 20% darker color. If you saturate the color by 10%, you get **155.2070, 26.0269, -41.4005**, and if you desaturate by 10%, it is **177.1570, 15.2056, -23.8167**.

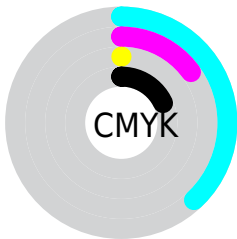
Distribution



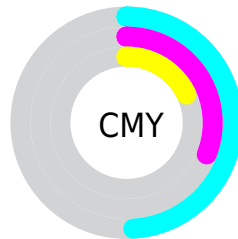
- Red (51%)
- Green (69%)
- Blue (82%)



- Red (51%)
- Yellow (62%)
- Blue (82%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1820, 20.6163, -32.6086 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 166.1820, 20.6163, -32.6086 by changing the saturation by 10% instead.

■ 166.1820, 20.6163,
-32.6086

■ 166.1820, 20.6163,
-32.6086

■ 255.0000, 0.0000,
0.0000

■ 139.0680, 20.1795,
-32.5086

■ 220.8570, 16.8325,
-32.3236

■ 112.7690, 20.3269,
-33.1234

■ 242.4420, 6.1911,
-25.8206

■ 87.6440, 19.8955,
-34.7678

■ 251.1130, 1.9163,
-7.9921

■ 61.3230, 20.0538,
-38.8713

■ 40.0030, 18.7325,
-35.0826

■ 25.0540, 14.7634,
-21.9724

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 166.1820, 20.6163,
-32.6086

■ 166.1820, 20.6163,
-32.6086

■ 155.2070, 26.0269,
-41.4005

■ 177.1570, 15.2056,
-23.8167

■ 144.2320, 31.4376,
-50.1925

■ 188.1320, 9.7949,
-15.0248

■ 133.5560, 36.7009,
-58.3696

■ 198.8080, 4.5317,
-6.8476

■ 121.9940, 42.4010,
-66.6467

■ 210.3700, -1.1684,
1.4295

■ 111.0190, 47.8116,
-75.4387

■ 221.3450, -6.5791,
10.2214

■ 100.0440, 53.2223,
-84.2306

■ 232.3200,
-11.9898, 19.0134

■ 97.6740, 54.3907,
-85.6601

■ 237.3150,
-14.4523, 15.5097

■ 242.0110,
-16.7674, 11.3914

■ 246.7070,
-19.0826, 7.2730

Harmonies

Analogous

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



162.8620, 15.8440, -41.9750



166.1820, 20.6163, -32.6086



170.7760, 19.8304, -13.8356

Triad

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



166.1820, 20.6163, -32.6086



173.8840, -3.8868, 33.4277



166.9870, -13.7976, -7.8816

Complementary

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



166.1820, 20.6163, -32.6086



170.8180, -20.6163, 32.6086

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.



169.1310, -18.7986, 9.5321



166.1820, 20.6163, -32.6086



173.1800, -12.9067, 33.1681

Square

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



166.1820, 20.6163, -32.6086



174.3480, 5.7444, 24.2508



171.6320, -18.5526, 24.0017



164.3960, -4.1392, -25.7803

Rectangle

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



166.1820, 20.6163, -32.6086



172.6530, 16.4401, 0.3043



171.6320, -18.5526, 24.0017



168.0370, -16.2872, -2.6634

Sweetspot

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



166.1820, 20.6163, -32.6086



240.1710, 7.3107, -11.5510



178.7930, -9.7579, -43.6685



118.8080, 4.5317, -6.8476



0.0000, 0.0000, 0.0000



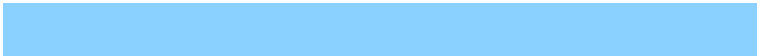
128.0000, 0.0000, 0.0000

Same Dimension

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



166.1820, 20.6163, -32.6086



193.0150, 30.5586, -48.2482



143.2890, 31.9025, -12.5315



98.7760, 3.0684, -4.1886



79.0260, 43.8642, -69.3058



19.3490, 10.6739, -16.9691

Inverse Universe

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



158.0930, 9.3212, 43.7684



181.0770, 13.7660, 64.8305



193.7110, -31.9025, 12.5315



97.9730, 0.9993, 6.1627



61.8600, 19.7890, 93.0848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 166.1820, 20.6163, -32.6086 looks on a white background.

Color Contrast Check

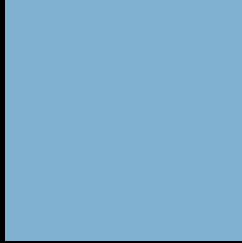
Large Text (above 18pt) WCAG AA × Fail

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 166.1820, 20.6163, -32.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

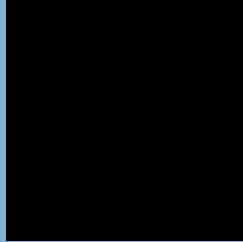
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.1820, 20.6163, -32.6086

Background



This preview shows how black text looks on a background with the YUV color 166.1820, 20.6163, -32.6086.



This preview shows how white text looks on a background with the YUV color 166.1820, 20.6163, -32.6086.

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

166.1820, 20.6163, -32.6086

Protanopia

170.9680, 15.2988, -6.9879

Deuteranopia

171.9020, 18.7823, -4.2991



Tritanopia

164.5640, 14.5119, -34.6976

Trichromacy



Original Color

166.1820, 20.6163, -32.6086

Protanomaly

169.3690, 17.0731, -16.1096

Deuteranomaly

169.9500, 19.2517, -14.8651

Tritanomaly

164.8460, 16.8379, -34.0679

Monochromacy



Original Color

166.1820, 20.6163, -32.6086

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1710, 7.3107, -11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1820, 20.6163, -32.6086 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(129, 177, 208)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 208)  
}
```

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(129, 177, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 208) }
```

Border

The CSS property to change the border of an element to YUV 166.1820, 20.6163, -32.6086 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(129, 177, 208) }
```


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

```
.border{ border-color:rgb(129, 177, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 208);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 166.1820, 20.6163, -32.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 208) }
```

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

```
.background{ background-color: rgb(129,  
177, 208) }
```

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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