

Converting Colors

YUV(162.5660, 28.3150,
-28.5604)

Have a look what the booklet for
YUV(162.5660, 28.3150, -28.5604)
contains.

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Color

**YUV(162.5660, 28.3150,
-28.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	82A8DC
RGB	130, 168, 220
RGB Percent	51%, 66%, 86%
CMY	0.4902, 0.3412, 0.1373
CMYK	0.41, 0.24, 0.00, 0.14
HSL	215°, 56%, 69%
HSV	215°, 41%, 86%
XYZ	36.1268, 37.9184, 73.1250
YIQ	162.5660, -39.3400, 8.1160

Conversions

Conversions Part 2

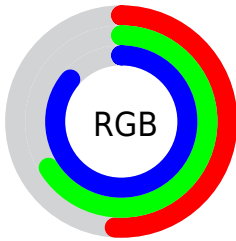
Format	Color
RYB	130, 157, 220
Decimal	8562908
CIELab	67.96, 0.29, -30.39
CIELCh	68, 30.387, 270.546
Yxy	37.9184, 0.2455, 0.2576
Android (android.graphics.Color)	4286752988 (0xFF82A8DC)
YUV	162.5660, 28.3150, -28.5604
Hunter-Lab	61.5779, -3.0381, -27.3036

Details

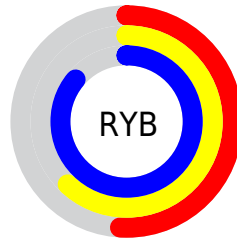
The YUV color **162.5660, 28.3150, -28.5604** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **187.4340, -28.3150, 28.5604**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5850, 19.4316, -25.9460**, and **109.6260, 27.2994, -29.4900** is the 20% darker color. If you saturate the color by 10%, you get **148.3570, 35.3200, -35.3931**, and if you desaturate by 10%, it is **176.7750, 21.3099, -21.7277**.

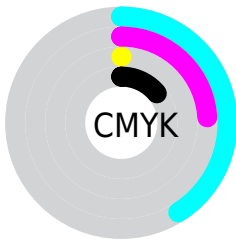
Distribution



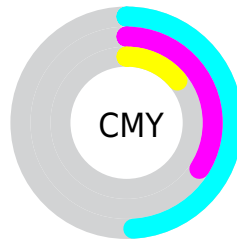
- Red (51%)
- Green (66%)
- Blue (86%)



- Red (51%)
- Yellow (62%)
- Blue (86%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5660, 28.3150, -28.5604 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 162.5660, 28.3150, -28.5604 by changing the saturation by 10% instead.

■ 162.5660, 28.3150,
-28.5604

■ 162.5660, 28.3150,
-28.5604

255.0000, 0.0000,
0.0000

■ 136.0390, 27.5888,
-28.9752

■ 215.5850, 19.4316,
-25.9460

■ 109.6260, 27.2994,
-29.4900

■ 240.9800, 6.9119,
-23.6615

■ 83.7890, 26.7260,
-32.2640

■ 251.7110, 1.6215,
-6.7625

■ 56.0870, 28.0581,
-39.5413

■ 37.0340, 25.1262,
-32.4788

■ 22.5580, 20.4309,
-19.7834

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 162.5660, 28.3150,
-28.5604

■ 162.5660, 28.3150,
-28.5604

■ 148.3570, 35.3200,
-35.3931

■ 176.7750, 21.3099,
-21.7277

■ 134.7350, 42.0356,
-42.7406

■ 190.3970, 14.5943,
-14.3802

■ 120.5260, 49.0407,
-49.5733

■ 204.6060, 7.5892,
-7.5475

■ 106.3170, 56.0457,
-56.4060

■ 218.8150, 0.5842,
-0.7148

■ 92.1080, 63.0508,
-63.2387

■ 233.0240, -6.4208,
6.1180

■ 79.6710, 69.1822,
-69.8715

■ 244.5530,
-12.1046, 9.1620

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



154.8030, 28.6911, -55.9552



162.5660, 28.3150, -28.5604



167.8580, 22.2550, 1.8785

Triad

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



162.5660, 28.3150, -28.5604



167.6160, -14.1077, 45.0638



156.9950, -9.3645, -29.8136

Complementary

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



162.5660, 28.3150, -28.5604



187.4340, -28.3150, 28.5604

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.



160.7610, -21.0812, -5.0524



162.5660, 28.3150, -28.5604



166.4440, -23.3899, 35.5676

Square

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



162.5660, 28.3150, -28.5604



169.2210, -1.5880, 42.7792



163.9380, -26.0984, 17.5944



152.5650, 6.1305, -53.1155

Rectangle

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



162.5660, 28.3150, -28.5604



169.5460, 15.5068, 19.6922



163.9380, -26.0984, 17.5944



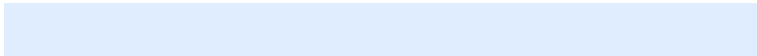
158.1980, -13.9016, -21.2216

Sweetspot

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



162.5660, 28.3150, -28.5604



235.1650, 9.7787, -9.7917



188.6440, -3.7685, -51.4308



116.1610, 5.8366, -5.4032



0.0000, 0.0000, 0.0000



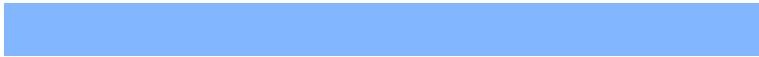
128.0000, 0.0000, 0.0000

Same Dimension

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



162.5660, 28.3150, -28.5604



175.3610, 39.2620, -39.7816



142.0540, 38.4274, -5.3094



102.6020, 3.6472, -3.1590



62.5730, 54.4405, -54.8765



16.3970, 14.5943, -14.3802

Inverse Universe

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



161.2420, 3.3317, 51.5308



173.4170, 4.7244, 71.5483



207.9460, -38.4274, 5.3094



102.7450, 0.1257, 6.3626



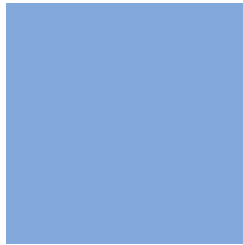
60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 162.5660, 28.3150, -28.5604 looks on a white background.

Color Contrast Check

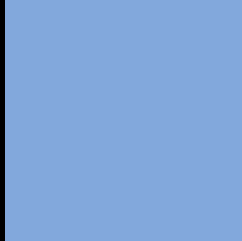
Large Text (above 18pt) WCAG AA × Fail

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 162.5660, 28.3150, -28.5604 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

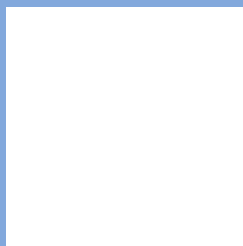
Any Text WCAG AAA ✓ Pass

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

YUV 162.5660, 28.3150, -28.5604 Background



This preview shows how black text looks on a background with the YUV color 162.5660, 28.3150, -28.5604.



This preview shows how white text looks on a background with the YUV color 162.5660, 28.3150, -28.5604.

-28.5604.

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

162.5660, 28.3150, -28.5604

Protanopia

165.4540, 24.9192, -12.6762

Deuteranopia

165.7250, 27.2506, -13.7908



Tritanopia

160.0480, 13.7803, -33.3681

Trichromacy



Original Color

162.5660, 28.3150, -28.5604

Protanomaly

164.3500, 25.9565, -18.7239

Deuteranomaly

164.8060, 27.7036, -19.1239

Tritanomaly

161.1390, 19.1585, -31.6939

Monochromacy



Original Color

162.5660, 28.3150, -28.5604

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5660, 28.3150, -28.5604 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(130, 168, 220)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 220)  
}
```

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(130, 168, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 220) }
```

Border

The CSS property to change the border of an element to YUV 162.5660, 28.3150, -28.5604 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(130, 168, 220) }
```


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

```
.border{ border-color:rgb(130, 168, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 168, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 220);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 162.5660, 28.3150, -28.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 220) }
```

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

```
.background{ background-color: rgb(130,  
168, 220) }
```

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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