

Converting Colors

YUV(162.2450, 28.4732,
-32.6639)

Have a look what the booklet for
YUV(162.2450, 28.4732, -32.6639)
contains.

YUV(162.2450, 28.4732, -32.6639)	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(162.2450, 28.4732,
-32.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAADC
RGB	125, 170, 220
RGB Percent	49%, 67%, 86%
CMY	0.5098, 0.3333, 0.1373
CMYK	0.43, 0.23, 0.00, 0.14
HSL	212°, 58%, 68%
HSV	212°, 43%, 86%
XYZ	35.7504, 38.2767, 73.2140
YIQ	162.2450, -42.8700, 6.0100

Conversions

Conversions Part 2

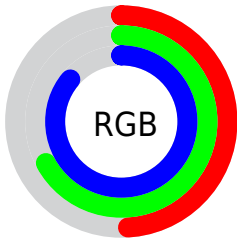
Format	Color
RYB	125, 156, 220
Decimal	8235740
CIELab	68.22, -2.11, -30.00
CIElCh	68, 30.077, 265.979
Yxy	38.2767, 0.2428, 0.2600
Android (android.graphics.Color)	4286425820 (0xFF7DAADC)
YUV	162.2450, 28.4732, -32.6639
Hunter-Lab	61.8682, -5.1234, -26.8553

Details

The YUV color **162.2450, 28.4732, -32.6639** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **182.7550, -28.4732, 32.6639**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2640, 19.5898, -30.0495**, and **109.0060, 27.6050, -34.2083** is the 20% darker color. If you saturate the color by 10%, you get **148.6230, 35.1889, -40.0114**, and if you desaturate by 10%, it is **175.8670, 21.7576, -25.3164**.

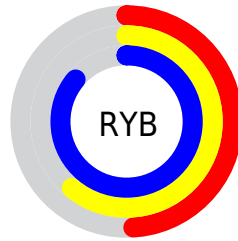
Distribution



Red (49%)

Green (67%)

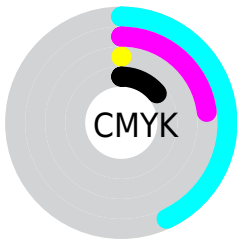
Blue (86%)



Red (49%)

Yellow (61%)

Blue (86%)

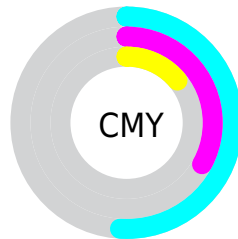


Cyan (43%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (51%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2450, 28.4732, -32.6639 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 162.2450, 28.4732, -32.6639 by changing the saturation by 10% instead.

■ 162.2450, 28.4732,
-32.6639

■ 162.2450, 28.4732,
-32.6639

255.0000, 0.0000,
0.0000

■ 135.4190, 27.8944,
-33.6935

■ 215.2640, 19.5898,
-30.0495

■ 109.0060, 27.6050,
-34.2083

■ 240.9580, 6.9227,
-27.1502

■ 82.8700, 27.1791,
-37.5970

■ 250.2160, 2.3585,
-9.8364

■ 53.9720, 29.1008,
-47.3334

■ 38.2080, 24.5475,
-33.5084

■ 23.7320, 19.8521,
-20.8130

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 162.2450, 28.4732,
-32.6639

■ 162.2450, 28.4732,
-32.6639

■ 148.6230, 35.1889,
-40.0114

■ 175.8670, 21.7576,
-25.3164

■ 135.5880, 41.6151,
-47.8737

■ 188.9020, 15.3313,
-17.4541

■ 121.9660, 48.3308,
-55.2212

■ 202.5240, 8.6157,
-10.1065

■ 108.9310, 54.7570,
-63.0835

■ 215.5590, 2.1894,
-2.2442

■ 95.3090, 61.4727,
-70.4310

■ 229.1810, -4.5262,
5.1033

■ 86.1280, 65.9989,
-75.5343

■ 241.6180,
-10.6577, 11.7360

■ 248.6620,
-14.1304, 5.5584

■ 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.



154.5640, 27.8229, -57.4996



162.2450, 28.4732, -32.6639



168.3520, 22.9975, -2.9397

Triad

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



162.2450, 28.4732, -32.6639



168.4850, -12.0711, 45.1787



158.4470, -11.5594, -25.8250

Complementary

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



162.2450, 28.4732, -32.6639



182.7550, -28.4732, 32.6639

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.



162.4410, -22.4024, -1.2638



162.2450, 28.4732, -32.6639



167.0960, -22.2323, 37.6268

Square

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



162.2450, 28.4732, -32.6639



170.0790, 0.4541, 41.1497



164.9600, -26.1093, 21.0831



154.0170, 3.9356, -49.1269

Rectangle

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



162.2450, 28.4732, -32.6639



169.8660, 16.8281, 15.9035



164.9600, -26.1093, 21.0831



159.7640, -15.6597, -17.3330

Sweetspot

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



162.2450, 28.4732, -32.6639



235.1540, 9.7841, -11.5361



186.3510, -6.0890, -53.8048



115.2640, 6.2788, -7.2475



0.0000, 0.0000, 0.0000



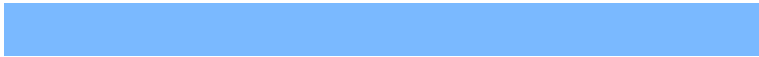
128.0000, 0.0000, 0.0000

Same Dimension

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



162.2450, 28.4732, -32.6639



174.1430, 39.8625, -45.7294



136.4280, 41.2010, -8.2684



103.1890, 3.3578, -3.6738



67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Inverse Universe

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



158.5350, 5.6522, 53.9048



168.9490, 7.9131, 75.4667



208.5720, -41.2010, 8.2684



102.8590, 0.5625, 6.2627



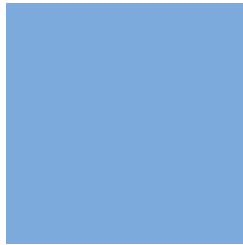
61.0750, 10.3160, 98.1582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 162.2450, 28.4732, -32.6639 looks on a white background.

Color Contrast Check

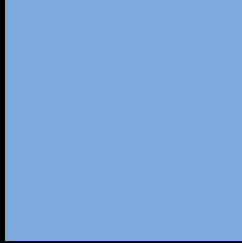
Large Text (above 18pt) WCAG AA × Fail

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 162.2450, 28.4732, -32.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

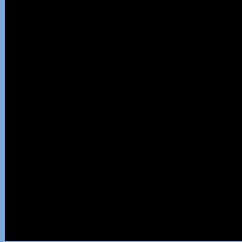
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

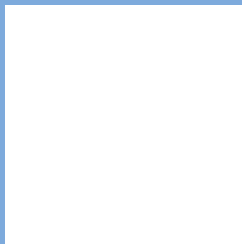
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.2450, 28.4732, -32.6639

Background



This preview shows how black text looks on a background with the YUV color 162.2450, 28.4732, -32.6639.



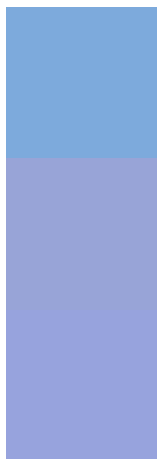
This preview shows how white text looks on a background with the YUV color 162.2450, 28.4732, -32.6639.

-32.6639.

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

162.2450, 28.4732, -32.6639

Protanopia

166.2260, 24.0456, -12.4762

Deuteranopia

166.0240, 27.1032, -13.1760



Tritanopia

159.3680, 15.1016, -37.1567

Trichromacy



Original Color

162.2450, 28.4732, -32.6639

Protanomaly

164.6380, 25.8145, -19.8535

Deuteranomaly

165.0940, 27.5617, -20.2534

Tritanomaly

160.3450, 20.0429, -35.3826

Monochromacy



Original Color

162.2450, 28.4732, -32.6639

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2450, 28.4732, -32.6639 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(125, 170, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 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(125, 170, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 220) }
```

Border

The CSS property to change the border of an element to YUV 162.2450, 28.4732, -32.6639 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(125, 170, 220) }
```


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

```
.border{ border-color:rgb(125, 170, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 170, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 162.2450, 28.4732, -32.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 220) }
```

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

```
.background{ background-color: rgb(125,  
170, 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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