

Converting Colors

YUV(92.0230, 28.5827,
-21.0682)

Have a look what the booklet for
YUV(92.0230, 28.5827, -21.0682)
contains.

YUV(92.0230, 28.5827, -21.0682)	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(92.0230, 28.5827,
-21.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	445D96
RGB	68, 93, 150
RGB Percent	27%, 36%, 59%
CMY	0.7333, 0.6353, 0.4118
CMYK	0.55, 0.38, 0.00, 0.41
HSL	222°, 38%, 43%
HSV	222°, 55%, 59%
XYZ	11.8033, 11.2597, 30.4054
YIQ	92.0230, -33.1970, 12.4270

Conversions

Conversions Part 2

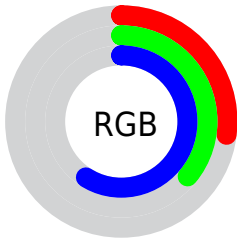
Format	Color
R_{YB}	68, 87, 150
Decimal	4480406
CIE Lab	40.01, 8.01, -34.15
CIE LCh	40, 35.076, 283.206
Yxy	11.2597, 0.2208, 0.2106
Android (android.graphics.Color)	4282670486 (0xFF445D96)
YUV	92.0230, 28.5827, -21.0682
Hunter-Lab	33.5554, 4.0662, -30.2354

Details

The YUV color **92.0230, 28.5827, -21.0682** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **125.9770, -28.5827, 21.0682**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7890, 30.1770, -19.1090**, and **40.0600, 29.0574, -33.3786** is the 20% darker color. If you saturate the color by 10%, you get **81.6680, 33.6877, -25.1418**, and if you desaturate by 10%, it is **102.3780, 23.4776, -16.9945**.

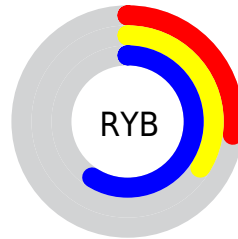
Distribution



Red (27%)

Green (36%)

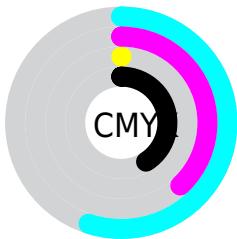
Blue (59%)



Red (27%)

Yellow (34%)

Blue (59%)

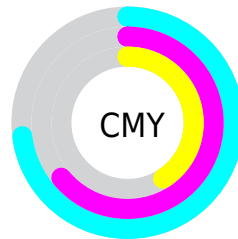


Cyan (55%)

Magenta (38%)

Yellow (0%)

Black (41%)



Cyan (73%)

Magenta (64%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.0230, 28.5827, -21.0682 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 92.0230, 28.5827, -21.0682 by changing the saturation by 10% instead.

■ 92.0230, 28.5827,
-21.0682

■ 92.0230, 28.5827,
-21.0682

■ 255.0000, 0.0000,
0.0000

■ 67.1860, 28.0093,
-23.8421

■ 143.7890, 30.1770,
-19.1090

■ 40.0600, 29.0574,
-33.3786

■ 170.3160, 30.9032,
-18.6941

■ 24.2850, 24.5095,
-21.2979

■ 197.6320, 28.2824,
-18.0943

■ 5.9280, 22.7135,
-5.1989

■ 221.8530, 16.3415,
-14.7801

■ 4.5940, 12.5252,
-4.0289

■ 247.5470, 3.6743,
-11.8807

■ 0.0000, 0.0000,
0.0000

■ 92.0230, 28.5827,
-21.0682

■ 92.0230, 28.5827,
-21.0682

■ 81.6680, 33.6877,
-25.1418

■ 102.3780, 23.4776,
-16.9945

■ 70.7260, 39.0821,
-28.7007

■ 113.3200, 18.0832,
-13.4356

■ 60.3710, 44.1871,
-32.7744

■ 123.6750, 12.9782,
-9.3620

■ 49.4290, 49.5815,
-36.3332

■ 134.6170, 7.5838,
-5.8031

■ 44.1020, 52.2077,
-38.6775

■ 144.9720, 2.4788,
-1.7294

■ 155.9140, -2.9156,
1.8294

■ 166.2690, -8.0206,
5.9031

■ 176.6240,

-13.1256, 9.9768

■ 187.5660,
-18.5200, 13.5356

Harmonies

Analogous

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



76.8600, 35.5650, -67.4062



92.0230, 28.5827, -21.0682



97.4250, 19.0175, 13.6593

Triad

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



92.0230, 28.5827, -21.0682



93.4540, -18.4648, 42.5748



76.3600, 0.3155, -54.6897

Complementary

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



92.0230, 28.5827, -21.0682



125.9770, -28.5827, 21.0682

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.



86.8950, -17.6962, -17.4479



92.0230, 28.5827, -21.0682



92.4770, -26.8572, 27.6457

Square

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



92.0230, 28.5827, -21.0682



94.8040, -5.8194, 46.6529



90.6440, -26.9395, 7.3282



76.0670, 14.7570, -66.7108

Rectangle

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



92.0230, 28.5827, -21.0682



97.2870, 11.6905, 30.4433



90.6440, -26.9395, 7.3282



81.8090, -7.3008, -38.4205

Sweetspot

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



92.0230, 28.5827, -21.0682



171.8170, 10.9362, -7.7325



122.5180, 0.7306, -47.8123



83.6880, 6.5628, -4.9884



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



92.0230, 28.5827, -21.0682



103.4850, 44.6239, -32.8743



81.8330, 33.6063, 1.0235



68.9720, 2.4788, -1.7294



40.3860, 48.1237, -35.4185



2.9010, 3.4998, -2.5442

Inverse Universe

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



95.3680, -1.1674, 47.9123



108.7180, -1.8330, 74.7923



136.1670, -33.6063, -1.0235



69.3210, -0.1583, 4.1035



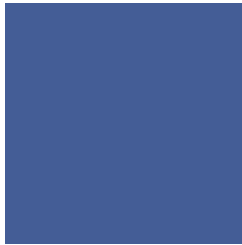
46.0500, -1.9966, 80.6402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 92.0230, 28.5827, -21.0682 looks on a white background.

Color Contrast Check

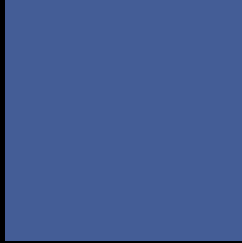
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 92.0230, 28.5827, -21.0682 looks on a black 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

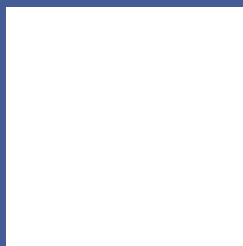
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 92.0230, 28.5827, -21.0682

Background



This preview shows how black text looks on a background with the YUV color 92.0230, 28.5827, -21.0682.



This preview shows how white text looks on a background with the YUV color 92.0230, 28.5827,

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

92.0230, 28.5827, -21.0682

Protanopia

92.5180, 27.8456, -17.9943

Deuteranopia

90.8160, 29.1777, -25.2716



Tritanopia

87.6740, 11.0067, -30.4091

Trichromacy



Original Color

92.0230, 28.5827, -21.0682

Protanomaly

92.2190, 27.9930, -18.6091

Deuteranomaly

91.4140, 28.8829, -24.0421

Tritanomaly

89.1180, 17.6898, -27.2905

Monochromacy



Original Color

92.0230, 28.5827, -21.0682

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7030, 10.4994, -7.6325

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.0230, 28.5827, -21.0682 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(68, 93, 150)` looks like.

```
.text, #text, p{  
    color:rgb(68, 93, 150)  
}
```

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(68, 93, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 93, 150) }
```

Border

The CSS property to change the border of an element to YUV 92.0230, 28.5827, -21.0682 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(68, 93, 150) }
```


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

```
.border{ border-color:rgb(68, 93, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 93, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 93, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 93, 150);  
box-shadow:4px 4px 4px 4px rgb(68, 93,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 92.0230, 28.5827, -21.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 93, 150) }
```

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

```
.background{ background-color: rgb(68, 93,  
150) }
```

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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