

Converting Colors

YUV(113.5920, 28.7951,
-42.6152)

Have a look what the booklet for
YUV(113.5920, 28.7951, -42.6152)
contains.

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Color

**YUV(113.5920, 28.7951,
-42.6152)**

Conversions

Conversions Part 1

Format	Color
Hex	417FAC
RGB	65, 127, 172
RGB Percent	25%, 50%, 67%
CMY	0.7451, 0.5020, 0.3255
CMYK	0.62, 0.26, 0.00, 0.33
HSL	205°, 45%, 46%
HSV	205°, 62%, 67%
XYZ	17.2157, 19.2811, 41.8440
YIQ	113.5920, -51.3970, 0.8510

Conversions

Conversions Part 2

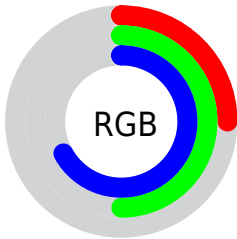
Format	Color
R_{YB}	65, 104, 172
Decimal	4292524
CIE _{Lab}	51.01, -5.96, -29.87
CIE _{LCh}	51, 30.454, 258.722
Yxy	19.2811, 0.2198, 0.2461
Android (android.graphics.Color)	4282482604 (0xFF417FAC)
YUV	113.5920, 28.7951, -42.6152
Hunter-Lab	43.9103, -6.8591, -25.7628

Details

The YUV color **113.5920, 28.7951, -42.6152** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **123.4080, -28.7951, 42.6152**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1300, 29.5159, -40.4560**, and **59.3520, 29.4065, -52.0517** is the 20% darker color. If you saturate the color by 10%, you get **104.4000, 33.3268, -49.4628**, and if you desaturate by 10%, it is **122.7840, 24.2635, -35.7676**.

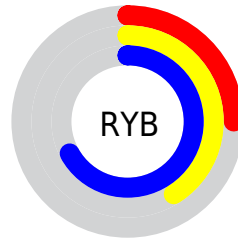
Distribution



Red (25%)

Green (50%)

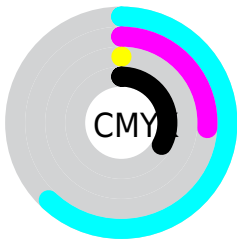
Blue (67%)



Red (25%)

Yellow (41%)

Blue (67%)

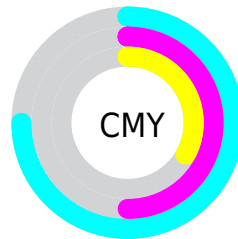


Cyan (62%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (75%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5920, 28.7951, -42.6152 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 113.5920, 28.7951, -42.6152 by changing the saturation by 10% instead.

■ 113.5920, 28.7951,
-42.6152

■ 113.5920, 28.7951,
-42.6152

■ 255.0000, 0.0000,
0.0000

■ 85.9720, 29.1008,
-47.3334

■ 168.1300, 29.5159,
-40.4560

■ 59.3520, 29.4065,
-52.0517

■ 195.4290, 29.3685,
-39.8412

■ 43.7020, 25.2899,
-38.3267

■ 220.5360, 16.9908,
-36.4271

■ 28.0520, 21.1734,
-24.6016

■ 240.9470, 6.9281,
-28.8945

■ 11.9290, 17.7830,
-10.4617

■ 249.6180, 2.6533,
-11.0660

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 113.5920, 28.7951,
-42.6152

■ 113.5920, 28.7951,
-42.6152

■ 104.4000, 33.3268,
-49.4628

■ 122.7840, 24.2635,
-35.7676

■ 95.2080, 37.8585,
-56.3104

■ 131.9760, 19.7318,
-28.9200

■ 85.1300, 42.8269,
-63.2580

■ 142.0540, 14.7634,
-21.9724

■ 78.3080, 46.1902,
-68.6761

■ 151.2460, 10.2317,
-15.1247

■ 160.4380, 5.7001,
-8.2771

■ 169.6300, 1.1684,
-1.4295

■ 179.4090, -3.6526,
4.9033

■ 188.9000, -8.3317,
12.3657

■ 198.0920,
-12.8634, 19.2133

Harmonies

Analogous

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



98.4040, 30.3668, -80.1613



113.5920, 28.7951, -42.6152



121.6500, 24.3296, -10.2170

Triad

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



113.5920, 28.7951, -42.6152



123.3860, -8.5713, 42.6345



114.2090, -13.9070, -19.4773

Complementary

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



113.5920, 28.7951, -42.6152



123.4080, -28.7951, 42.6152

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.



117.9470, -23.1449, 3.5545



113.5920, 28.7951, -42.6152



122.3070, -18.8854, 37.4418

Square

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



113.5920, 28.7951, -42.6152



124.5560, 3.6699, 36.3464



120.6120, -24.9517, 23.1423



109.1270, 0.4304, -44.8384

Rectangle

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



113.5920, 28.7951, -42.6152



124.2780, 18.5969, 8.5262



120.6120, -24.9517, 23.1423



115.6400, -17.5705, -11.0853

Sweetspot

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



113.5920, 28.7951, -42.6152



200.8760, 11.4001, -16.5543



132.9390, -11.3089, -59.5825



97.7690, 7.0159, -10.3214



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



113.5920, 28.7951, -42.6152



132.6780, 45.0217, -67.2466



82.4810, 44.1329, -15.3308



81.9610, 2.4842, -3.4738



68.1690, 40.3427, -59.7842



10.2530, 6.2843, -8.9919

Inverse Universe

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



104.0610, 11.3089, 59.5825



117.4040, 18.0418, 93.4847



154.5190, -44.1329, 15.3308



81.2610, 0.8573, 5.0331



54.7680, 15.8904, 83.5185



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 113.5920, 28.7951, -42.6152 looks on a white 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

Black Background



This preview shows how the YUV color 113.5920, 28.7951, -42.6152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

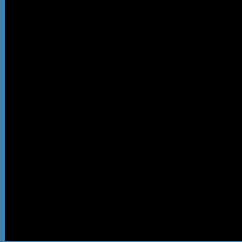
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.5920, 28.7951, -42.6152 Background



This preview shows how black text looks on a background with the YUV color 113.5920, 28.7951, -42.6152.

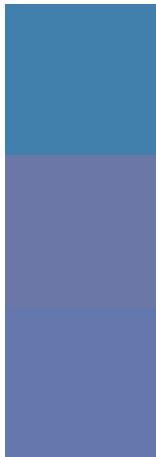


This preview shows how white text looks on a background with the YUV color 113.5920, 28.7951, -42.6152.

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

113.5920, 28.7951, -42.6152

Protanopia

120.7700, 22.2984, -12.0763

Deuteranopia

120.1760, 26.5352, -17.6944



Tritanopia

109.0350, 16.7447, -50.8967

Trichromacy



Original Color

113.5920, 28.7951, -42.6152

Protanomaly

118.2740, 24.5149, -23.0423

Deuteranomaly

117.9360, 27.1466, -27.1309

Tritanomaly

110.6100, 21.3913, -47.8930

Monochromacy



Original Color

113.5920, 28.7951, -42.6152

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9470, 10.3791, -15.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5920, 28.7951, -42.6152 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(65, 127, 172)` looks like.

```
.text, #text, p{  
    color:rgb(65, 127, 172)  
}
```

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(65, 127, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 127, 172) }
```

Border

The CSS property to change the border of an element to YUV 113.5920, 28.7951, -42.6152 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(65, 127, 172) }
```


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

```
.border{ border-color:rgb(65, 127, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 127, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 127, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 127, 172);  
box-shadow:4px 4px 4px 4px rgb(65, 127,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 113.5920, 28.7951, -42.6152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 127, 172) }
```

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

```
.background{ background-color: rgb(65, 127,  
172) }
```

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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