

Converting Colors

YUV(113.5780, 43.5920,
-28.5709)

Have a look what the booklet for
YUV(113.5780, 43.5920, -28.5709)
contains.

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Color

**YUV(113.5780, 43.5920,
-28.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	5171CA
RGB	81, 113, 202
RGB Percent	32%, 44%, 79%
CMY	0.6824, 0.5569, 0.2078
CMYK	0.60, 0.44, 0.00, 0.21
HSL	224°, 53%, 55%
HSV	224°, 60%, 79%
XYZ	19.9591, 17.8239, 58.2655
YIQ	113.5780, -47.6410, 20.8950

Conversions

Conversions Part 2

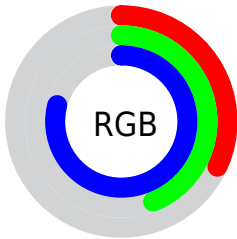
Format	Color
R _Y B	81, 106, 202
Decimal	5337546
CIE Lab	49.28, 15.81, -49.82
CIE LCh	49, 52.265, 287.602
Yxy	17.8239, 0.2078, 0.1856
Android (android.graphics.Color)	4283527626 (0xFF5171CA)
YUV	113.5780, 43.5920, -28.5709
Hunter-Lab	42.2183, 10.5057, -52.2733

Details

The YUV color **113.5780, 43.5920, -28.5709** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **169.4220, -43.5920, 28.5709**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8990, 43.4338, -24.4674**, and **55.5000, 45.1095, -48.6735** is the 20% darker color. If you saturate the color by 10%, you get **98.7930, 50.8811, -33.1445**, and if you desaturate by 10%, it is **128.3630, 36.3030, -23.9974**.

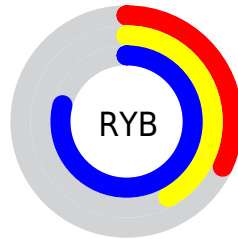
Distribution



Red (32%)

Green (44%)

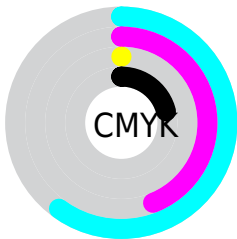
Blue (79%)



Red (32%)

Yellow (42%)

Blue (79%)

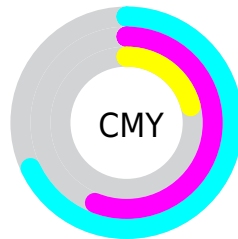


Cyan (60%)

Magenta (44%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (56%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5780, 43.5920, -28.5709 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 113.5780, 43.5920, -28.5709 by changing the saturation by 10% instead.

■ 113.5780, 43.5920,
-28.5709

■ 113.5780, 43.5920,
-28.5709

■ 255.0000, 0.0000,
0.0000

■ 86.7300, 43.0241,
-33.0892

■ 166.8990, 43.4338,
-24.4674

■ 55.5000, 45.1095,
-48.6735

■ 191.4190, 31.3454,
-20.5385

■ 39.6220, 40.1194,
-34.7485

■ 216.8250, 18.8203,
-16.5095

■ 25.6190, 34.6978,
-22.4679

■ 242.5190, 6.1531,
-13.6102

■ 8.0940, 31.0127,
-7.0984

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 113.5780, 43.5920,
-28.5709

■ 113.5780, 43.5920,
-28.5709

■ 98.7930, 50.8811,
-33.1445

■ 128.3630, 36.3030,
-23.9974

■ 84.0080, 58.1701,
-37.7180

■ 143.1480, 29.0140,
-19.4238

■ 68.9240, 65.6065,
-42.9063

■ 158.2320, 21.5776,
-14.2355

■ 54.7260, 72.6061,
-47.9947

■ 172.4300, 14.5780,
-9.1471

■ 54.1390, 72.8955,
-47.4799

■ 187.2150, 7.2890,
-4.5736

■ 202.0000, 0.0000,
0.0000

■ 216.7850, -7.2890,
4.5736

■ 231.8690,
-14.7254, 9.7619

■ 244.2620,
-20.8352, 9.4172

Harmonies

Analogous

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



97.8050, 52.3541, -85.7750



113.5780, 43.5920, -28.5709



120.8040, 27.7046, 27.3589

Triad

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



113.5780, 43.5920, -28.5709



113.8880, -30.0178, 61.4882



91.4770, 2.7228, -80.2253

Complementary

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



113.5780, 43.5920, -28.5709



169.4220, -43.5920, 28.5709

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.



101.7650, -24.0411, -35.7509



113.5780, 43.5920, -28.5709



112.1350, -44.9296, 37.5926

Square

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



113.5780, 43.5920, -28.5709



114.1170, -10.4107, 72.6884



108.8660, -43.8109, 5.3795



97.3080, 22.5262, -85.3391

Rectangle

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



113.5780, 43.5920, -28.5709



118.9830, 16.2774, 52.6349



108.8660, -43.8109, 5.3795



89.1800, -3.5397, -78.2109

Sweetspot

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



113.5780, 43.5920, -28.5709



221.2880, 16.6200, -10.7766



162.1730, 3.8587, -71.1887



107.0020, 10.3520, -7.0178



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.



113.5780, 43.5920, -28.5709



120.7390, 66.1907, -43.6211



103.1660, 48.7252, 5.1164



94.3140, 3.7892, -2.0294



44.7520, 59.7753, -39.2475



10.2020, 13.7044, -8.9472

Inverse Universe

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



120.8270, -3.8587, 71.1887



131.6020, -5.7198, 108.2200



179.8340, -48.7252, -5.1164



95.2180, -0.6005, 5.9478



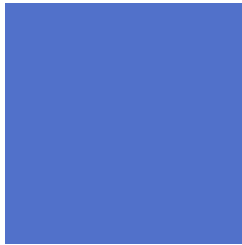
54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 113.5780, 43.5920, -28.5709 looks on a white background.

Color Contrast Check

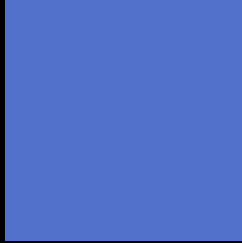
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5780, 43.5920, -28.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

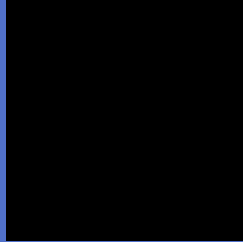
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.5780, 43.5920, -28.5709

Background



This preview shows how black text looks on a background with the YUV color 113.5780, 43.5920, -28.5709.



This preview shows how white text looks on a background with the YUV color 113.5780, 43.5920,

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

113.5780, 43.5920, -28.5709

Protanopia

113.0830, 44.3291, -31.6448

Deuteranopia

107.7280, 45.9831, -48.8735



Tritanopia

105.8290, 15.8603, -47.2080

Trichromacy



Original Color

113.5780, 43.5920, -28.5709

Protanomaly

113.3820, 44.1817, -31.0300

Deuteranomaly

109.8430, 44.9404, -41.0813

Tritanomaly

108.8050, 25.7321, -40.1710

Monochromacy



Original Color

113.5780, 43.5920, -28.5709

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0600, 15.7464, -10.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5780, 43.5920, -28.5709 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(81, 113, 202)` looks like.

```
.text, #text, p{  
    color:rgb(81, 113, 202)  
}
```

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(81, 113, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 113, 202) }
```

Border

The CSS property to change the border of an element to YUV 113.5780, 43.5920, -28.5709 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(81, 113, 202) }
```


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

```
.border{ border-color:rgb(81, 113, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 113, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 113, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 113, 202);  
box-shadow:4px 4px 4px 4px rgb(81, 113,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 113.5780, 43.5920, -28.5709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 113, 202) }
```

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

```
.background{ background-color: rgb(81, 113,  
202) }
```

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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