

Converting Colors

YUV(100.3180, 21.0422,
-29.2199)

Have a look what the booklet for
YUV(100.3180, 21.0422, -29.2199)
contains.

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Color

**YUV(100.3180, 21.0422,
-29.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	436D8F
RGB	67, 109, 143
RGB Percent	26%, 43%, 56%
CMY	0.7373, 0.5725, 0.4392
CMYK	0.53, 0.24, 0.00, 0.44
HSL	207°, 36%, 41%
HSV	207°, 53%, 56%
XYZ	12.7413, 14.1137, 28.0393
YIQ	100.3180, -35.9460, 1.6700

Conversions

Conversions Part 2

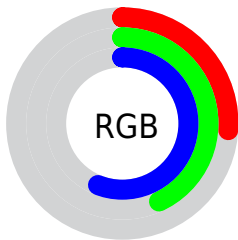
Format	Color
R _{YB}	67, 94, 143
Decimal	4418959
CIE _{Lab}	44.40, -4.43, -23.11
CIE _{LCh}	44, 23.533, 259.147
Y _{xy}	14.1137, 0.2321, 0.2571
Android (android.graphics.Color)	4282609039 (0xFF436D8F)
Y _{UV}	100.3180, 21.0422, -29.2199
Hunter-Lab	37.5683, -5.2060, -17.9537

Details

The YUV color **100.3180, 21.0422, -29.2199** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.6820, -21.0422, 29.2199**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2580, 22.0578, -28.2903**, and **48.1920, 22.0903, -38.7564** is the 20% darker color. If you saturate the color by 10%, you get **92.6100, 24.8423, -34.7380**, and if you desaturate by 10%, it is **108.0260, 17.2422, -23.7018**.

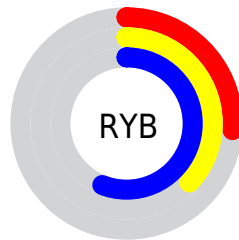
Distribution



Red (26%)

Green (43%)

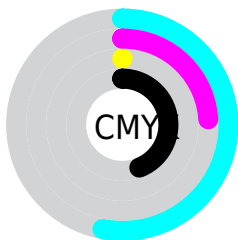
Blue (56%)



Red (26%)

Yellow (37%)

Blue (56%)

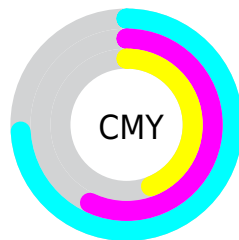


Cyan (53%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (74%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3180, 21.0422, -29.2199 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 100.3180, 21.0422, -29.2199 by changing the saturation by 10% instead.

■ 100.3180, 21.0422,
-29.2199

■ 100.3180, 21.0422,
-29.2199

■ 255.0000, 0.0000,
0.0000

■ 75.1930, 20.6109,
-30.8643

■ 152.2580, 22.0578,
-28.2903

■ 48.1920, 22.0903,
-38.7564

■ 179.3720, 22.4946,
-28.3902

■ 31.3460, 18.5634,
-27.4904

■ 207.4860, 22.9314,
-28.4902

■ 16.9840, 14.3049,
-14.8950

■ 232.4080, 11.1379,
-25.7908

■ 3.4370, 10.6306,
-3.0142

■ 248.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 100.3180, 21.0422,
-29.2199

■ 100.3180, 21.0422,
-29.2199

■ 92.6100, 24.8423,
-34.7380

■ 108.0260, 17.2422,
-23.7018

■ 84.0160, 29.0791,
-40.3560

■ 116.6200, 13.0053,
-18.0837

■ 76.3080, 32.8792,
-45.8741

■ 124.3280, 9.2053,
-12.5657

■ 68.0130, 36.9686,
-50.8774

■ 132.6230, 5.1159,
-7.5624

■ 62.6750, 39.6002,
-54.9660

■ 140.6300, 1.1684,
-1.4295

■ 148.3380, -2.6316,
4.0886

■ 156.6330, -6.7211,
9.0919

■ 164.3410,

-10.5211, 14.6099

■ 172.9350,
-14.7580, 20.2280

Harmonies

Analogous

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



94.4530, 19.4967, -46.8783



100.3180, 21.0422, -29.2199



105.6520, 17.9196, -7.5878

Triad

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



100.3180, 21.0422, -29.2199



107.0750, -6.9390, 32.3832



100.1540, -10.4289, -15.0441

Complementary

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



100.3180, 21.0422, -29.2199



109.6820, -21.0422, 29.2199

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.



102.8420, -17.1771, 2.7696



100.3180, 21.0422, -29.2199



105.6910, -14.6377, 28.3350

Square

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



100.3180, 21.0422, -29.2199



107.8600, 2.5340, 27.3098



104.3000, -18.3889, 18.1539



96.5030, 0.2450, -32.0131

Rectangle

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



100.3180, 21.0422, -29.2199



107.3010, 13.6556, 6.7520



104.3000, -18.3889, 18.1539



100.8020, -13.2134, -8.5964

Sweetspot

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



100.3180, 21.0422, -29.2199



169.3990, 8.1843, -11.7509



115.3740, -7.5794, -42.4240



83.9220, 4.9685, -6.9476



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



100.3180, 21.0422, -29.2199



119.3080, 32.8792, -45.8741



78.5990, 31.7497, -10.1723



67.1460, 1.9000, -2.7590



59.4150, 37.2634, -52.1070



3.2600, 2.3368, -2.8590

Inverse Universe

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



94.5120, 7.1426, 42.5240



110.1050, 11.2872, 66.5599



131.4010, -31.7497, 10.1723



66.5490, 0.7153, 3.9035



48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 100.3180, 21.0422, -29.2199 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 100.3180, 21.0422, -29.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

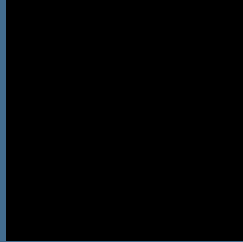
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

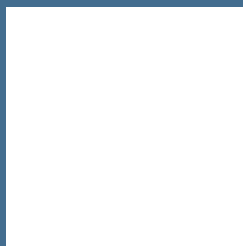
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.3180, 21.0422, -29.2199

Background



This preview shows how black text looks on a background with the YUV color 100.3180, 21.0422, -29.2199.

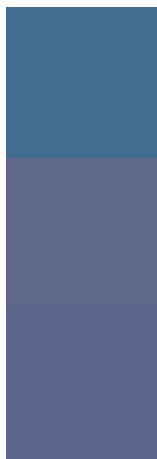


This preview shows how white text looks on a background with the YUV color 100.3180, 21.0422, -29.2199.

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

100.3180, 21.0422, -29.2199

Protanopia

104.7120, 16.9040, -8.5174

Deuteranopia

104.3850, 19.5302, -10.8616



Tritanopia

97.8800, 11.8912, -34.0978

Trichromacy



Original Color

100.3180, 21.0422, -29.2199

Protanomaly

103.0100, 18.2361, -15.7948

Deuteranomaly

102.8680, 20.2781, -17.4242

Tritanomaly

99.1020, 15.2327, -32.5385

Monochromacy



Original Color

100.3180, 21.0422, -29.2199

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3180, 21.0422, -29.2199 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(67, 109, 143)` looks like.

```
.text, #text, p{  
    color:rgb(67, 109, 143)  
}
```

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(67, 109, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 109, 143) }
```

Border

The CSS property to change the border of an element to YUV 100.3180, 21.0422, -29.2199 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(67, 109, 143) }
```


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

```
.border{ border-color:rgb(67, 109, 143) }
```

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

Here you see how a box with a 4 pixel rgb(67, 109, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 109, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 109, 143);  
box-shadow:4px 4px 4px 4px rgb(67, 109,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 100.3180, 21.0422, -29.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 109, 143) }
```

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

```
.background{ background-color: rgb(67, 109,  
143) }
```

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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