

Converting Colors

YUV(123.3640, 27.9215,
-42.4152)

Have a look what the booklet for
YUV(123.3640, 27.9215, -42.4152)
contains.

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Color

**YUV(123.3640, 27.9215,
-42.4152)**

Conversions

Conversions Part 1

Format	Color
Hex	4B89B4
RGB	75, 137, 180
RGB Percent	29%, 54%, 71%
CMY	0.7059, 0.4627, 0.2941
CMYK	0.58, 0.24, 0.00, 0.29
HSL	205°, 41%, 50%
HSV	205°, 58%, 71%
XYZ	20.0855, 22.6825, 46.4995
YIQ	123.3640, -50.7550, 0.2290

Conversions

Conversions Part 2

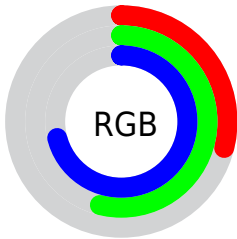
Format	Color
R_{YB}	75, 114, 180
Decimal	4950452
CIE _{Lab}	54.74, -7.11, -28.64
CIE _{LCh}	55, 29.510, 256.055
Yxy	22.6825, 0.2250, 0.2541
Android (android.graphics.Color)	4283140532 (0xFF4B89B4)
YUV	123.3640, 27.9215, -42.4152
Hunter-Lab	47.6261, -8.0663, -24.5493

Details

The YUV color **123.3640, 27.9215, -42.4152** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **131.6360, -27.9215, 42.4152**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9020, 28.6423, -40.2561**, and **65.5470, 30.2963, -57.4847** is the 20% darker color. If you saturate the color by 10%, you get **113.8730, 32.6006, -49.8776**, and if you desaturate by 10%, it is **132.8550, 23.2425, -34.9528**.

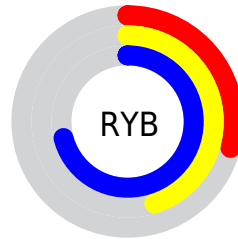
Distribution



Red (29%)

Green (54%)

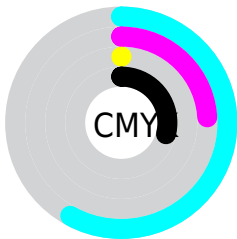
Blue (71%)



Red (29%)

Yellow (45%)

Blue (71%)

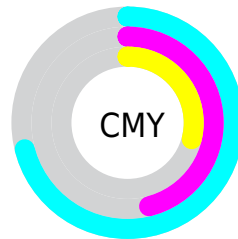


Cyan (58%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (71%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3640, 27.9215, -42.4152 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 123.3640, 27.9215, -42.4152 by changing the saturation by 10% instead.

■ 123.3640, 27.9215,
-42.4152

■ 123.3640, 27.9215,
-42.4152

■ 255.0000, 0.0000,
0.0000

■ 96.3420, 27.9324,
-45.9039

■ 177.9020, 28.6423,
-40.2561

■ 65.5470, 30.2963,
-57.4847

■ 204.8760, 24.7111,
-39.3563

■ 49.1960, 26.0324,
-43.1449

■ 230.5700, 12.0440,
-36.4569

■ 33.5460, 21.9158,
-29.4198

■ 243.9370, 5.4541,
-22.7467

■ 19.0700, 17.2205,
-16.7244

■ 252.6080, 1.1793,
-4.9182

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 123.3640, 27.9215,
-42.4152

■ 123.3640, 27.9215,
-42.4152

■ 113.8730, 32.6006,
-49.8776

■ 132.8550, 23.2425,
-34.9528

■ 103.7950, 37.5691,
-56.8252

■ 142.9330, 18.2740,
-28.0052

■ 94.3040, 42.2481,
-64.2876

■ 152.4240, 13.5950,
-20.5428

■ 84.8130, 46.9272,
-71.7500

■ 161.9150, 8.9159,
-13.0805

■ 82.7420, 47.9482,
-72.5647

■ 171.9930, 3.9475,
-6.1329

■ 181.4840, -0.7316,
1.3295

■ 191.5620, -5.7001,
8.2771

■ 201.0530,
-10.3791, 15.7395

■ 210.5440,
-15.0582, 23.2019

Harmonies

Analogous

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



113.7540, 26.2503, -66.4363



123.3640, 27.9215, -42.4152



131.2260, 24.0456, -12.4762

Triad

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



123.3640, 27.9215, -42.4152



133.3150, -7.5503, 41.8197



124.7040, -14.6441, -16.4034

Complementary

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



123.3640, 27.9215, -42.4152



131.6360, -27.9215, 42.4152

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.



127.9580, -23.1503, 5.2988



123.3640, 27.9215, -42.4152



131.8340, -18.1592, 37.8566

Square

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



123.3640, 27.9215, -42.4152



134.4740, 4.6963, 33.7873



130.2640, -23.7942, 25.2015



120.1060, -1.0383, -40.4350

Rectangle

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



123.3640, 27.9215, -42.4152



133.9680, 18.7498, 6.1671



130.2640, -23.7942, 25.2015



125.8360, -18.1601, -8.6262

Sweetspot

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



123.3640, 27.9215, -42.4152



211.5770, 11.5475, -17.1690



141.4230, -12.0405, -58.2530



103.3560, 6.7265, -10.8362



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



123.3640, 27.9215, -42.4152



145.7490, 44.0007, -66.4319



92.8400, 42.9699, -15.6457



84.5480, 2.1948, -3.9886



70.2720, 40.7849, -61.6285



11.7690, 7.0159, -10.3214

Inverse Universe

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



113.4630, 11.6037, 58.3529



130.3930, 18.0473, 91.7403



162.1600, -42.9699, 15.6457



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 123.3640, 27.9215, -42.4152 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 123.3640, 27.9215, -42.4152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

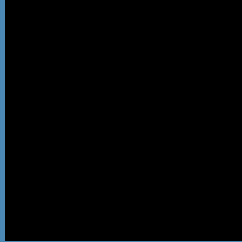
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3640, 27.9215, -42.4152

Background



This preview shows how black text looks on a background with the YUV color 123.3640, 27.9215, -42.4152.

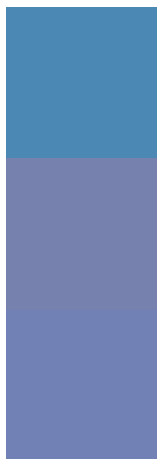


This preview shows how white text looks on a background with the YUV color 123.3640, 27.9215, -42.4152.

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

123.3640, 27.9215, -42.4152

Protanopia

130.8410, 21.2774, -11.2616

Deuteranopia

130.2580, 25.5088, -15.1353



Tritanopia

119.9320, 16.3025, -49.0524

Trichromacy



Original Color

123.3640, 27.9215, -42.4152

Protanomaly

128.0460, 23.6413, -22.8423

Deuteranomaly

127.7190, 26.2675, -25.1866

Tritanomaly

121.0940, 20.6597, -46.5634

Monochromacy



Original Color

123.3640, 27.9215, -42.4152

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2460, 10.2317, -15.1247

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3640, 27.9215, -42.4152 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(75, 137, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 137, 180)  
}
```

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(75, 137, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 137, 180) }
```

Border

The CSS property to change the border of an element to YUV 123.3640, 27.9215, -42.4152 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(75, 137, 180) }
```


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

```
.border{ border-color:rgb(75, 137, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 137, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 137, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 137, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 137,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 123.3640, 27.9215, -42.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 137, 180) }
```

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

```
.background{ background-color: rgb(75, 137,  
180) }
```

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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