

Converting Colors

YUV(120.8140, 32.1367,
-41.0559)

Have a look what the booklet for
YUV(120.8140, 32.1367, -41.0559)
contains.

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Color

**YUV(120.8140, 32.1367,
-41.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	4A84BA
RGB	74, 132, 186
RGB Percent	29%, 52%, 73%
CMY	0.7098, 0.4824, 0.2706
CMYK	0.60, 0.29, 0.00, 0.27
HSL	209°, 45%, 51%
HSV	209°, 60%, 73%
XYZ	19.9382, 21.5035, 49.5541
YIQ	120.8140, -51.9020, 4.4980

Conversions

Conversions Part 2

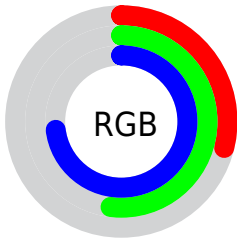
Format	Color
R_{YB}	74, 112, 186
Decimal	4883642
CIE _{Lab}	53.50, -2.46, -34.02
CIE _{LCh}	53, 34.108, 265.857
Yxy	21.5035, 0.2191, 0.2363
Android (android.graphics.Color)	4283073722 (0xFF4A84BA)
YUV	120.8140, 32.1367, -41.0559
Hunter-Lab	46.3719, -4.4024, -30.8983

Details

The YUV color **120.8140, 32.1367, -41.0559** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **139.1860, -32.1367, 41.0559**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3520, 32.8575, -38.8967**, and **63.8830, 34.0747, -56.0254** is the 20% darker color. If you saturate the color by 10%, you get **109.8500, 37.5419, -48.1034**, and if you desaturate by 10%, it is **131.7780, 26.7314, -34.0083**.

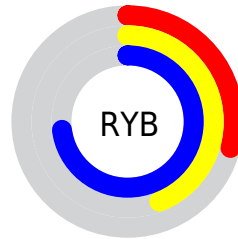
Distribution



Red (29%)

Green (52%)

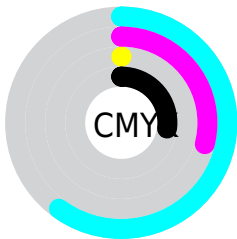
Blue (73%)



Red (29%)

Yellow (44%)

Blue (73%)

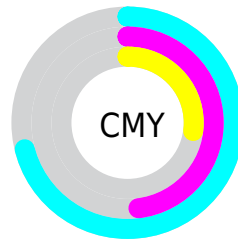


Cyan (60%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (71%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8140, 32.1367, -41.0559 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 120.8140, 32.1367, -41.0559 by changing the saturation by 10% instead.

■ 120.8140, 32.1367,
-41.0559

■ 120.8140, 32.1367,
-41.0559

■ 255.0000, 0.0000,
0.0000

■ 93.4930, 32.2950,
-45.1594

■ 175.3520, 32.8575,
-38.8967

■ 63.8830, 34.0747,
-56.0254

■ 201.3540, 26.4475,
-36.2675

■ 47.4180, 29.3739,
-41.5856

■ 227.0480, 13.7803,
-33.3681

■ 32.2410, 24.5312,
-28.2754

■ 243.9370, 5.4541,
-22.7467

■ 17.2920, 20.5620,
-15.1651

■ 252.6080, 1.1793,
-4.9182

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 120.8140, 32.1367,
-41.0559

■ 120.8140, 32.1367,
-41.0559

■ 109.8500, 37.5419,
-48.1034

■ 131.7780, 26.7314,
-34.0083

■ 99.1850, 42.7998,
-54.5362

■ 142.4430, 21.4736,
-27.5755

■ 88.2210, 48.2050,
-61.5838

■ 153.4070, 16.0683,
-20.5279

■ 77.5560, 53.4629,
-68.0166

■ 164.0720, 10.8105,
-14.0951

■ 175.0360, 5.4053,
-7.0476

■ 186.0000, 0.0000,
0.0000

■ 196.6650, -5.2578,
6.4328

■ 207.6290,
-10.6631, 13.4804

■ 218.2940,
-15.9209, 19.9132

Harmonies

Analogous

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



101.6570, 36.6511, -89.1532



120.8140, 32.1367, -41.0559



129.6230, 25.3289, -4.0544

Triad

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



120.8140, 32.1367, -41.0559



129.0940, -12.3713, 48.1526



118.6100, -12.1327, -28.5990

Complementary

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



120.8140, 32.1367, -41.0559



139.1860, -32.1367, 41.0559

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.



123.2730, -24.2916, -1.9934



120.8140, 32.1367, -41.0559



127.4660, -23.4007, 39.0563

Square

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



120.8140, 32.1367, -41.0559



130.9160, 1.0274, 43.9237



126.0910, -28.1459, 20.9682



109.9230, 6.4470, -61.3225

Rectangle

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



120.8140, 32.1367, -41.0559



131.0340, 18.7172, 16.6332



126.0910, -28.1459, 20.9682



120.1120, -16.8172, -19.3922

Sweetspot

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



120.8140, 32.1367, -41.0559



216.8160, 12.4157, -15.6246



145.6720, -9.6983, -62.8563



106.2960, 7.7421, -9.9066



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



120.8140, 32.1367, -41.0559



140.6660, 49.9577, -63.7281



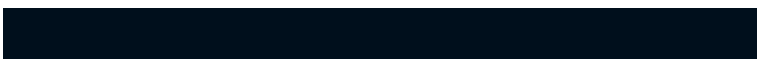
89.1160, 47.7638, -13.2567



86.3740, 2.7736, -2.9590



65.3310, 44.6998, -57.2953



11.9970, 7.8895, -10.5214

Inverse Universe

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



114.1000, 8.8247, 63.0563



130.2860, 13.6630, 97.9732



170.8840, -47.7638, 13.2567



86.1470, 0.4205, 5.1331



55.8780, 12.3851, 87.8070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 120.8140, 32.1367, -41.0559 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 120.8140, 32.1367, -41.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

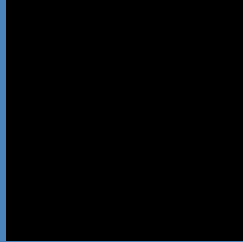
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8140, 32.1367, -41.0559

Background



This preview shows how black text looks on a background with the YUV color 120.8140, 32.1367, -41.0559.

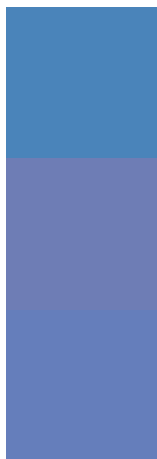


This preview shows how white text looks on a background with the YUV color 120.8140, 32.1367, -41.0559.

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

120.8140, 32.1367, -41.0559

Protanopia

126.8990, 26.6718, -14.8204

Deuteranopia

125.4790, 30.3299, -21.4681



Tritanopia

116.0350, 16.7447, -50.8967

Trichromacy



Original Color

120.8140, 32.1367, -41.0559

Protanomaly

125.0010, 28.5935, -24.5569

Deuteranomaly

123.6630, 31.2251, -28.6455

Tritanomaly

117.5500, 22.4069, -46.9633

Monochromacy



Original Color

120.8140, 32.1367, -41.0559

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0010, 11.8315, -14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8140, 32.1367, -41.0559 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(74, 132, 186)` looks like.

```
.text, #text, p{  
    color:rgb(74, 132, 186)  
}
```

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(74, 132, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 132, 186) }
```

Border

The CSS property to change the border of an element to YUV 120.8140, 32.1367, -41.0559 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(74, 132, 186) }
```


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

```
.border{ border-color:rgb(74, 132, 186) }
```

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

Here you see how a box with a 4 pixel rgb(74, 132, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 132, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 132, 186);  
box-shadow:4px 4px 4px 4px rgb(74, 132,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 120.8140, 32.1367, -41.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 132, 186) }
```

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

```
.background{ background-color: rgb(74, 132,  
186) }
```

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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