

Converting Colors

YUV(85.2570, 43.7503,
-32.6744)

Have a look what the booklet for
YUV(85.2570, 43.7503, -32.6744)
contains.

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Color

**YUV(85.2570, 43.7503,
-32.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	3057AE
RGB	48, 87, 174
RGB Percent	19%, 34%, 68%
CMY	0.8118, 0.6588, 0.3176
CMYK	0.72, 0.50, 0.00, 0.32
HSL	221°, 57%, 44%
HSV	221°, 72%, 68%
XYZ	12.2671, 10.5008, 41.4247
YIQ	85.2570, -51.1710, 18.7890

Conversions

Conversions Part 2

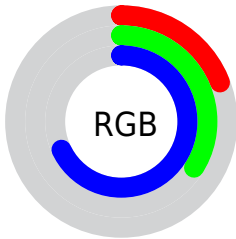
Format	Color
R_{YB}	48, 78, 174
Decimal	3168174
CIE _{Lab}	38.73, 16.79, -50.56
CIE _{LCh}	39, 53.279, 288.369
Yxy	10.5008, 0.1911, 0.1636
Android (android.graphics.Color)	4281358254 (0xFF3057AE)
YUV	85.2570, 43.7503, -32.6744
Hunter-Lab	32.4049, 10.8639, -53.1098




Details

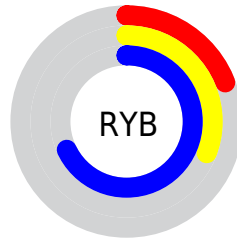
The YUV color **85.2570, 43.7503, -32.6744** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **136.7430, -43.7503, 32.6744**, and the grayscale version is **85.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **138.9420, 44.8916, -25.3821**, and **39.0350, 40.4087, -34.2337** is the 20% darker color. If you saturate the color by 10%, you get **73.1300, 49.7289, -36.9480**, and if you desaturate by 10%, it is **97.3840, 37.7717, -28.4008**.

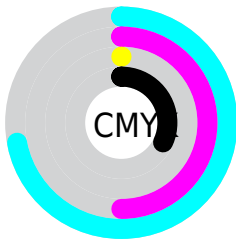
Distribution







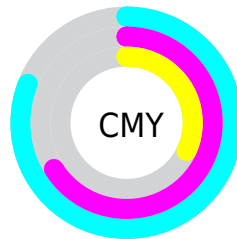
-  Red (19%)
-  Green (34%)
-  Blue (68%)






-  Red (19%)
-  Yellow (31%)
-  Blue (68%)



-  Cyan (72%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (81%)
-  Magenta (66%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2570, 43.7503, -32.6744 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 85.2570, 43.7503, -32.6744 by changing the saturation by 10% instead.

■ 85.2570, 43.7503,
-32.6744

■ 85.2570, 43.7503,
-32.6744

■ 255.0000, 0.0000,
0.0000

■ 54.3260, 45.6883,
-47.6439

■ 138.9420, 44.8916,
-25.3821

■ 39.0350, 40.4087,
-34.2337

■ 165.7250, 44.0126,
-23.4378

■ 24.9180, 34.5504,
-21.8531

■ 190.2450, 31.9242,
-19.5089

■ 8.0940, 31.0127,
-7.0984

■ 215.3520, 19.5465,
-16.0947

■ 7.8200, 19.8087,
-6.8581

■ 240.7580, 7.0213,
-12.0658

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 85.2570, 43.7503,
-32.6744

■ 85.2570, 43.7503,
-32.6744

■ 73.1300, 49.7289,
-36.9480

■ 97.3840, 37.7717,
-28.4008

■ 60.7040, 55.8549,
-41.8364

■ 109.8100, 31.6457,
-23.5124

■ 51.5340, 60.3757,
-45.1953

■ 121.9370, 25.6671,
-19.2387

■ 134.3630, 19.5410,
-14.3504

■ 146.4900, 13.5624,
-10.0767

■ 158.6170, 7.5838,
-5.8031

■ 171.0430, 1.4578,
-0.9147

■ 183.1700, -4.5208,
3.3589

■ 195.5960,
-10.6468, 8.2473

Harmonies

Analogous

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



79.3510, 47.6480, -69.5908



85.2570, 43.7503, -32.6744



93.1030, 27.5572, 27.9737

Triad

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



85.2570, 43.7503, -32.6744



86.2790, -29.7175, 58.5143



72.7780, -0.3836, -63.8263

Complementary

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



85.2570, 43.7503, -32.6744



136.7430, -43.7503, 32.6744

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.



72.4870, -22.4251, -40.7691



85.2570, 43.7503, -32.6744



85.7970, -42.2979, 33.5040

Square

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



85.2570, 43.7503, -32.6744



83.9860, -8.3741, 72.8033



82.6530, -40.7479, 2.9353



78.4950, 18.9830, -68.8401

Rectangle

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



85.2570, 43.7503, -32.6744



89.8090, 16.8562, 53.6645



82.6530, -40.7479, 2.9353



70.4810, -6.6461, -61.8118

Sweetspot

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



85.2570, 43.7503, -32.6744



191.5050, 17.4990, -12.7209



131.7660, 1.1014, -73.4628



93.7030, 10.4994, -7.6325



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



85.2570, 43.7503, -32.6744



88.2650, 68.3964, -51.0984



69.2410, 51.6462, 1.5426



80.7870, 3.0630, -2.4442



44.6890, 51.9183, -39.1923



6.7310, 8.0206, -5.9031

Inverse Universe

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



90.1200, -1.5382, 73.5628



95.8570, -2.3945, 115.0124



152.7590, -51.6462, -1.5426



81.0330, -0.0163, 5.2331



50.2080, -1.5815, 87.5176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 85.2570, 43.7503, -32.6744 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 85.2570, 43.7503, -32.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

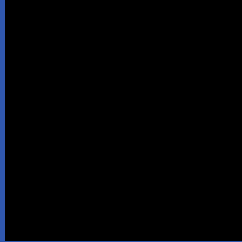
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2570, 43.7503, -32.6744

Background



This preview shows how black text looks on a background with the YUV color 85.2570, 43.7503, -32.6744.



This preview shows how white text looks on a background with the YUV color 85.2570, 43.7503,

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

85.2570, 43.7503, -32.6744

Protanopia

83.5660, 45.0770, -38.2074

Deuteranopia

73.0590, 43.8479, -64.0727



Tritanopia

71.5990, 17.9457, -62.7923

Trichromacy



Original Color

85.2570, 43.7503, -32.6744

Protanomaly

84.4630, 44.6347, -36.3631

Deuteranomaly

77.4240, 43.6680, -52.9918

Tritanomaly

76.4830, 27.3699, -52.1666

Monochromacy



Original Color

85.2570, 43.7503, -32.6744

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3480, 15.6044, -11.7062

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2570, 43.7503, -32.6744 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(48, 87, 174)` looks like.

```
.text, #text, p{  
    color:rgb(48, 87, 174)  
}
```

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(48, 87, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 87, 174) }
```

Border

The CSS property to change the border of an element to YUV 85.2570, 43.7503, -32.6744 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(48, 87, 174) }
```


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

```
.border{ border-color:rgb(48, 87, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 87, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 87, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 87, 174);  
box-shadow:4px 4px 4px 4px rgb(48, 87,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 85.2570, 43.7503, -32.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 87, 174) }
```

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

```
.background{ background-color: rgb(48, 87,  
174) }
```

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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