

Converting Colors

YUV(99.0850, -32.5799, -3.5825)

Have a look what the booklet for
YUV(99.0850, -32.5799, -3.5825)
contains.

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Color

**YUV(99.0850, -32.5799,
-3.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7221
RGB	95, 114, 33
RGB Percent	37%, 45%, 13%
CMY	0.6275, 0.5529, 0.8706
CMYK	0.17, 0.00, 0.71, 0.55
HSL	74°, 55%, 29%
HSV	74°, 71%, 45%
XYZ	11.0111, 14.5773, 3.6722
YIQ	99.0850, 14.6770, -29.2190

Conversions

Conversions Part 2

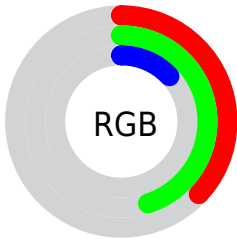
Format	Color
R_{YB}	33, 114, 52
Decimal	6255137
CIE _{Lab}	45.05, -19.40, 40.64
CIE _{LCh}	45, 45.034, 115.519
Yxy	14.5773, 0.3763, 0.4982
Android (android.graphics.Color)	4284445217 (0xFF5F7221)
YUV	99.0850, -32.5799, -3.5825
Hunter-Lab	38.1803, -15.3363, 21.0236

Details

The YUV color $99.0850, -32.5799, -3.5825$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $47.9150, 32.5799, 3.5825$, and the grayscale version is $99.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $151.1560, -33.6009, -2.7678$, and $52.4960, -25.8805, -5.6970$ is the 20% darker color. If you saturate the color by 10%, you get $96.9340, -36.9425, -4.3271$, and if you desaturate by 10%, it is $101.2360, -28.2173, -2.8380$.

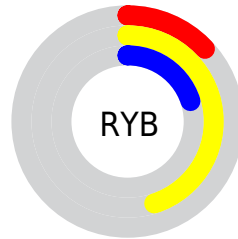
Distribution



Red (37%)

Green (45%)

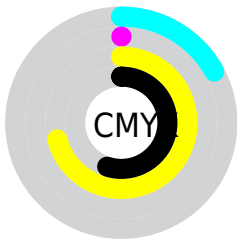
Blue (13%)



Red (13%)

Yellow (45%)

Blue (20%)

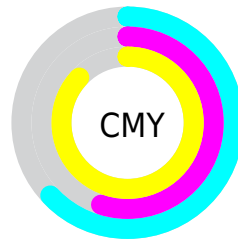


Cyan (17%)

Magenta (0%)

Yellow (71%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0850, -32.5799, -3.5825 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 99.0850, -32.5799, -3.5825 by changing the saturation by 10% instead.

■ 99.0850, -32.5799,
-3.5825

■ 99.0850, -32.5799,
-3.5825

255.0000, 0.0000,
0.0000

■ 73.6290, -34.3271,
-3.1826

■ 151.1560,
-33.6009, -2.7678

■ 52.4960, -25.8805,
-5.6970

■ 177.9280,
-34.4745, -2.5679

■ 32.1070, -15.8288,
-9.7408

■ 205.7000,
-35.3481, -2.3679

■ 14.6750, -7.2348,
-12.8700

■ 233.8850,
-35.9323, -1.6531

■ 0.0000, 0.0000,
0.0000

■ 247.3620,
-29.2655, 6.6985

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

99.0850, -32.5799,
-3.5825

99.0850, -32.5799,
-3.5825

96.9340, -36.9425,
-4.3271

101.2360,
-28.2173, -2.8380

94.9680, -41.8892,
-4.3569

103.2020,
-23.2706, -2.8082

92.9310, -45.8150,
-5.2015

105.3530,
-18.9080, -2.0636

107.6180,
-14.1087, -1.4190

109.4700, -9.5987,
-1.2892

■ 111.6210, -5.2362,
-0.5446

■ 113.8860, -0.4368,
0.1000

■ 115.7380, 4.0732,
0.2298

■ 118.0030, 8.8725,
0.8744

Harmonies

Analogous

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



102.4800, -38.1976, 25.0120



99.0850, -32.5799, -3.5825



91.5500, -14.5681, -40.8243

Triad

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



99.0850, -32.5799, -3.5825



90.1790, 38.3658, -79.0870



106.3890, 3.7522, 56.6638

Complementary

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



99.0850, -32.5799, -3.5825



47.9150, 32.5799, 3.5825

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.



109.7740, 19.8314, 32.6472



99.0850, -32.5799, -3.5825



86.9650, 46.3593, -76.2683

Square

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



99.0850, -32.5799, -3.5825



88.5200, 24.3936, -77.6320



107.3650, 33.3441, -8.2131



104.7150, -14.1565, 60.7629

Rectangle

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



99.0850, -32.5799, -3.5825



82.7060, 2.1169, -72.5332



107.3650, 33.3441, -8.2131



108.0230, 8.8627, 50.8458

Sweetspot

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



99.0850, -32.5799, -3.5825



142.3730, -12.5089, -1.2041



68.3720, -17.4384, 40.0158



70.6380, -7.7095, -0.5595



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



99.0850, -32.5799, -3.5825



124.6660, -50.6143, -5.8461



87.1250, -26.6836, -28.1736



55.0170, -2.4734, -0.0149



97.9480, -48.2884, -5.2164



201.5000, -99.3395, -10.9625

Inverse Universe

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



47.9150, 32.5799, 3.5825



45.3340, 50.6143, 5.8461



59.8750, 26.6836, 28.1736



51.2820, 2.3260, 0.6297



22.0520, 48.2884, 5.2164



45.5000, 99.3395, 10.9625

Previews

White Background



This preview shows how the YUV color 99.0850, -32.5799, -3.5825 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 99.0850, -32.5799, -3.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

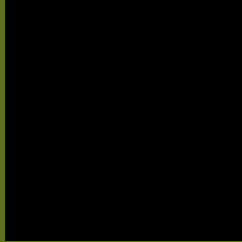
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.0850, -32.5799, -3.5825

Background



This preview shows how black text looks on a background with the YUV color 99.0850, -32.5799, -3.5825.



This preview shows how white text looks on a background with the YUV color 99.0850, -32.5799,

-3.5825.

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

99.0850, -32.5799, -3.5825

Protanopia

101.9240, -34.9655, 14.9757

Deuteranopia

103.3860, -32.2353, 25.9715



Tritanopia

106.4280, 4.2260, -2.1294

Trichromacy



Original Color

99.0850, -32.5799, -3.5825

Protanomaly

101.1080, -34.0702, 7.7983

Deuteranomaly

101.9070, -32.4922, 14.9906

Tritanomaly

103.8720, -9.3039, -2.5187

Monochromacy



Original Color

99.0850, -32.5799, -3.5825

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9000, -11.7827, -0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0850, -32.5799, -3.5825 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(95, 114, 33)` looks like.

```
.text, #text, p{  
    color:rgb(95, 114, 33)  
}
```

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(95, 114, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 114, 33) }
```

Border

The CSS property to change the border of an element to YUV 99.0850, -32.5799, -3.5825 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(95, 114, 33) }
```


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

```
.border{ border-color:rgb(95, 114, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 114, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 114, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 114, 33);  
box-shadow:4px 4px 4px 4px rgb(95, 114,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 99.0850, -32.5799, -3.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 114, 33) }
```

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

```
.background{ background-color: rgb(95, 114,  
33) }
```

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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