

Converting Colors

YUV(84.7450, 23.2967,
-52.3964)

Have a look what the booklet for
YUV(84.7450, 23.2967, -52.3964)
contains.

YUV(84.7450, 23.2967, -52.3964)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.7450, 23.2967,
-52.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	196A84
RGB	25, 106, 132
RGB Percent	10%, 42%, 52%
CMY	0.9020, 0.5843, 0.4824
CMYK	0.81, 0.20, 0.00, 0.48
HSL	195°, 68%, 31%
HSV	195°, 81%, 52%
XYZ	9.7198, 12.1807, 23.6686
YIQ	84.7450, -56.6220, -9.0860

Conversions

Conversions Part 2

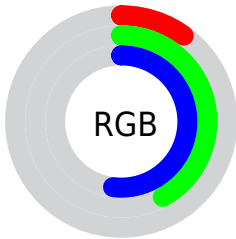
Format	Color
R _Y B	25, 71, 132
Decimal	1665668
CIE Lab	41.50, -14.04, -21.11
CIE LCh	42, 25.353, 236.385
Yxy	12.1807, 0.2133, 0.2673
Android (android.graphics.Color)	4279855748 (0xFF196A84)
YUV	84.7450, 23.2967, -52.3964
Hunter-Lab	34.9008, -11.3647, -15.7780

Details

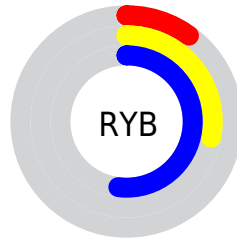
The YUV color **84.7450, 23.2967, -52.3964** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **72.2550, -23.2967, 52.3964**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5610, 22.4014, -45.2190**, and **43.9810, 18.7434, -38.5713** is the 20% darker color. If you saturate the color by 10%, you get **79.0970, 26.0812, -58.8441**, and if you desaturate by 10%, it is **90.3930, 20.5123, -45.9487**.

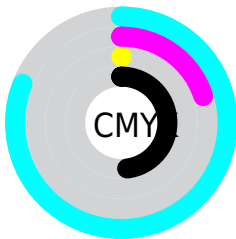
Distribution



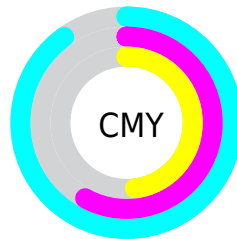
- Red (10%)
- Green (42%)
- Blue (52%)



- Red (10%)
- Yellow (28%)
- Blue (52%)



- Cyan (81%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (90%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7450, 23.2967, -52.3964 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 84.7450, 23.2967, -52.3964 by changing the saturation by 10% instead.

84.7450, 23.2967,
-52.3964

84.7450, 23.2967,
-52.3964

255.0000, 0.0000,
0.0000

60.3320, 23.0073,
-52.9112

139.5610, 22.4014,
-45.2190

43.9810, 18.7434,
-38.5713

166.9740, 22.6908,
-44.7042

28.4450, 15.0636,
-24.9463

194.9740, 22.6908,
-44.7042

11.9630, 12.8362,
-10.4916

221.3780, 16.5756,
-43.3045

2.2970, 6.2626,
-2.0145

238.8540, 7.9600,
-33.1980

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 84.7450, 23.2967,
-52.3964

■ 84.7450, 23.2967,
-52.3964

■ 79.0970, 26.0812,
-58.8441

■ 90.3930, 20.5123,
-45.9487

■ 73.7480, 28.7182,
-64.6770

■ 96.0410, 17.7278,
-39.5010

■ 102.5750, 14.5065,
-32.9533

■ 108.2230, 11.7221,
-26.5056

■ 113.8710, 8.9376,
-20.0579

■ 119.5190, 6.1531,
-13.6102

■ 125.1670, 3.3687,
-7.1625

■ 131.7010, 0.1474,
-0.6148

■ 137.3490, -2.6371,
5.8329

Harmonies

Analogous

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



79.8980, 17.7983, -62.1775



84.7450, 23.2967, -52.3964



93.9700, 22.1998, -27.1607

Triad

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



84.7450, 23.2967, -52.3964



100.3120, 0.3392, 31.2984



94.5210, -17.0189, -1.3339

Complementary

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



84.7450, 23.2967, -52.3964



72.2550, -23.2967, 52.3964

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.



96.8220, -20.1252, 15.0651



84.7450, 23.2967, -52.3964



99.1030, -9.4178, 34.1127

Square

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



84.7450, 23.2967, -52.3964



100.7540, 9.9813, 18.6327



98.4090, -16.9636, 27.7053



91.5770, -8.6655, -20.6770

Rectangle

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



84.7450, 23.2967, -52.3964



97.7980, 19.8196, -10.3468



98.4090, -16.9636, 27.7053



95.0980, -18.7823, 4.2991

Sweetspot

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



84.7450, 23.2967, -52.3964



152.8710, 8.9376, -20.0579



90.6590, -20.0449, -57.5829



76.0030, 5.4215, -12.2806



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



84.7450, 23.2967, -52.3964



97.8860, 36.0452, -81.4610



54.2210, 38.3450, -25.6268



63.6190, 1.1738, -3.1739



72.3460, 28.4234, -63.4474



1.5160, 0.7316, -1.3295

Inverse Universe

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



66.2270, 19.6081, 57.6829



68.9980, 30.5670, 89.4558



102.7790, -38.3450, 25.6268



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 84.7450, 23.2967, -52.3964 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 84.7450, 23.2967, -52.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

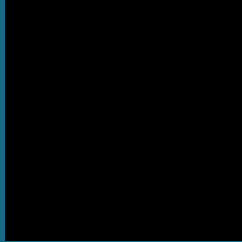
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7450, 23.2967, -52.3964

Background



This preview shows how black text looks on a background with the YUV color 84.7450, 23.2967, -52.3964.

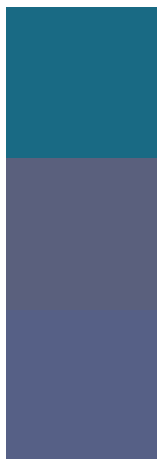


This preview shows how white text looks on a background with the YUV color 84.7450, 23.2967, -52.3964.

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

84.7450, 23.2967, -52.3964

Protanopia

97.5120, 13.5516, -6.5880

Deuteranopia

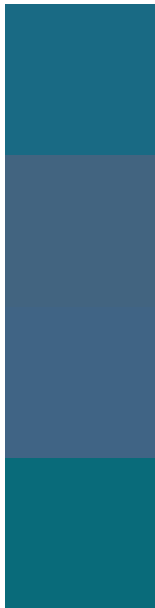
97.3420, 18.0724, -9.9469



Tritanopia

76.7340, 19.8511, -67.2957

Trichromacy



Original Color

84.7450, 23.2967, -52.3964

Protanomaly

93.0260, 17.2422, -23.7018

Deuteranomaly

92.9980, 19.7210, -25.4312

Tritanomaly

79.4080, 20.9979, -61.7478

Monochromacy



Original Color

84.7450, 23.2967, -52.3964

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0560, 8.3534, -19.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7450, 23.2967, -52.3964 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(25, 106, 132)` looks like.

```
.text, #text, p{  
    color:rgb(25, 106, 132)  
}
```

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(25, 106, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 106, 132) }
```

Border

The CSS property to change the border of an element to YUV 84.7450, 23.2967, -52.3964 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(25, 106, 132) }
```


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

```
.border{ border-color:rgb(25, 106, 132) }
```

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

Here you see how a box with a 4 pixel rgb(25, 106, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(25, 106,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 84.7450, 23.2967, -52.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 106, 132) }
```

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

```
.background{ background-color: rgb(25, 106,  
132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor