

Converting Colors

YUV(123.9970, -52.2565,
54.3766)

Have a look what the booklet for
YUV(123.9970, -52.2565, 54.3766)
contains.

YUV(123.9970, -52.2565, 54.3766)	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(123.9970, -52.2565,
54.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7112
RGB	186, 113, 18
RGB Percent	73%, 44%, 7%
CMY	0.2706, 0.5569, 0.9294
CMYK	0.00, 0.39, 0.90, 0.27
HSL	34°, 82%, 40%
HSV	34°, 90%, 73%
XYZ	26.2640, 22.2930, 3.4910
YIQ	123.9970, 74.0030, -14.0690

Conversions

Conversions Part 2

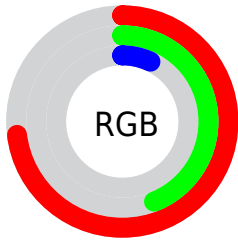
Format	Color
RYB	147, 186, 18
Decimal	12218642
CIELab	54.34, 22.50, 57.73
CIELCh	54, 61.961, 68.712
Yxy	22.2930, 0.5046, 0.4283
Android (android.graphics.Color)	4290408722 (0xFFBA7112)
YUV	123.9970, -52.2565, 54.3766
Hunter-Lab	47.2155, 16.6650, 28.6671

Details

The YUV color **123.9970, -52.2565, 54.3766** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **80.0030, 52.2565, -54.3766**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1440, -51.8360, 59.5097**, and **76.1280, -37.5311, 44.6147** is the 20% darker color. If you saturate the color by 10%, you get **117.2490, -57.8038, 60.2946**, and if you desaturate by 10%, it is **130.8590, -46.2725, 48.3587**.

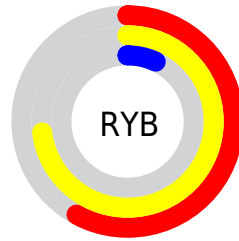
Distribution



Red (73%)

Green (44%)

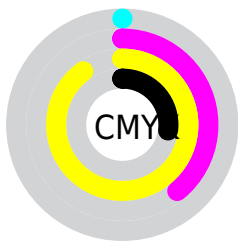
Blue (7%)



Red (58%)

Yellow (73%)

Blue (7%)

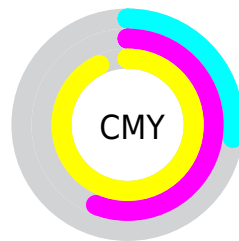


Cyan (0%)

Magenta (39%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.9970, -52.2565, 54.3766 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 123.9970, -52.2565, 54.3766 by changing the saturation by 10% instead.


 123.9970,
-52.2565, 54.3766

 123.9970,
-52.2565, 54.3766


255.0000, 0.0000,
0.0000


 98.3000, -48.4619,
50.6029


 179.1440,
-51.8360, 59.5097


 76.1280, -37.5311,
44.6147


 200.3490,
-49.4721, 47.9289

 53.9560, -26.6003,
38.6266

 219.8630,
-45.7815, 30.8151

 32.6700, -16.1063,
32.7384

 239.9640,
-42.3803, 13.1866

 13.1560, -6.4859,
27.0502

 246.6780,
-31.8863, 7.2984

 0.0000, 0.0000,
0.0000

 249.8700,

-19.6559, 4.4990

253.1760, -6.9888,
1.5996

123.9970,
-52.2565, 54.3766

123.9970,
-52.2565, 54.3766

117.2490,
-57.8038, 60.2946

130.8590,
-46.2725, 48.3587

137.6070,
-40.7253, 42.4407

144.4690,
-34.7412, 36.4227

151.2170,
-29.1940, 30.5047

158.0790,
-23.2099, 24.4867

■ 164.9410,
-17.2259, 18.4687

■ 172.2760,
-11.9681, 12.0359

■ 179.1380, -5.9840,
6.0180

■ 185.8860, -0.4368,
0.1000

Harmonies

Analogous

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



124.9380, -29.0564, 79.8614



123.9970, -52.2565, 54.3766



119.6430, -58.9840, 18.7301

Triad

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



123.9970, -52.2565, 54.3766



107.5150, 18.4801, -94.2907



132.9410, 39.9621, 15.8377

Complementary

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



123.9970, -52.2565, 54.3766



80.0030, 52.2565, -54.3766

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.



103.8010, 65.1741, -91.0335



123.9970, -52.2565, 54.3766



112.1550, 41.3356, -98.3599

Square

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



123.9970, -52.2565, 54.3766



99.3700, -5.1124, -87.1475



111.9220, 58.2125, -98.1556



130.2820, 19.5810, 66.4047

Rectangle

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



123.9970, -52.2565, 54.3766



116.9150, -48.2721, -10.4495



111.9220, 58.2125, -98.1556



131.1060, 46.2897, -7.1090

Sweetspot

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



123.9970, -52.2565, 54.3766



218.1540, -20.2889, 20.9129



76.8960, 8.4323, 95.6842



107.5750, -12.1155, 12.6507



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.



123.9970, -52.2565, 54.3766



152.7770, -75.3191, 78.2486



164.4560, -72.2028, 11.8781



88.6260, -2.7736, 2.9590



98.3000, -48.4619, 50.6029



17.7640, -8.7577, 8.9770

Inverse Universe

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



80.0030, 52.2565, -54.3766



89.2230, 75.3191, -78.2486



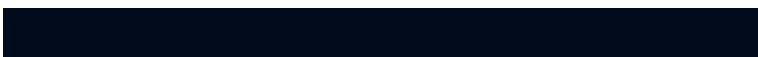
39.5440, 72.2028, -11.8781



86.3740, 2.7736, -2.9590



57.7000, 48.4619, -50.6029



10.2360, 8.7577, -8.9770

Previews

White Background



This preview shows how the YUV color 123.9970, -52.2565, 54.3766 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 123.9970, -52.2565, 54.3766 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 123.9970, -52.2565, 54.3766

Background



This preview shows how black text looks on a background with the YUV color 123.9970, -52.2565, 54.3766.



This preview shows how white text looks on a background with the YUV color 123.9970, -52.2565, 54.3766.

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

123.9970, -52.2565, 54.3766

Protanopia

123.4720, -49.5327, 20.6341

Deuteranopia

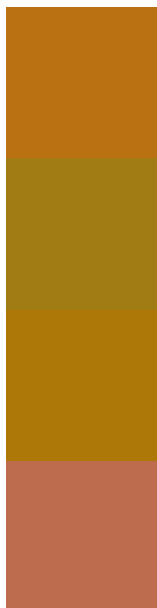
122.1230, -60.2066, 37.6031



Tritanopia

131.3270, -9.0352, 51.4562

Trichromacy



Original Color

123.9970, -52.2565, 54.3766

Protanomaly

123.3210, -50.4443, 33.0445

Deuteranomaly

122.9650, -57.1707, 43.8807

Tritanomaly

128.7990, -25.0439, 52.7963

Monochromacy



Original Color

123.9970, -52.2565, 54.3766

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0830, -19.2679, 20.0982

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9970, -52.2565, 54.3766 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(186, 113, 18)` looks like.

```
.text, #text, p{  
    color:rgb(186, 113, 18)  
}
```

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(186, 113, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 113, 18) }
```

Border

The CSS property to change the border of an element to YUV 123.9970, -52.2565, 54.3766 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(186, 113, 18) }
```


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

```
.border{ border-color:rgb(186, 113, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 113, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 113, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 113, 18);  
box-shadow:4px 4px 4px 4px rgb(186, 113,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 123.9970, -52.2565, 54.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 113, 18) }
```

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

```
.background{ background-color: rgb(186,  
113, 18) }
```

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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