

Converting Colors

YUV(99.7620, 24.2743,
-39.2563)

Have a look what the booklet for
YUV(99.7620, 24.2743, -39.2563)
contains.

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Color

**YUV(99.7620, 24.2743,
-39.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	377195
RGB	55, 113, 149
RGB Percent	22%, 44%, 58%
CMY	0.7843, 0.5569, 0.4157
CMYK	0.63, 0.24, 0.00, 0.42
HSL	203°, 46%, 40%
HSV	203°, 63%, 58%
XYZ	12.9055, 14.7924, 30.6088
YIQ	99.7620, -46.1240, -1.1000

Conversions

Conversions Part 2

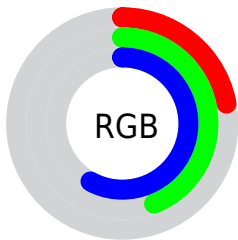
Format	Color
R_{YB}	55, 91, 149
Decimal	3633557
CIE _{Lab}	45.35, -7.44, -25.24
CIE _{LCh}	45, 26.318, 253.570
Yxy	14.7924, 0.2213, 0.2537
Android (android.graphics.Color)	4281823637 (0xFF377195)
YUV	99.7620, 24.2743, -39.2563
Hunter-Lab	38.4609, -7.4112, -20.2628

Details

The YUV color **99.7620, 24.2743, -39.2563** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **104.2380, -24.2743, 39.2563**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1860, 24.5583, -36.9971**, and **49.3270, 23.9958, -43.2598** is the 20% darker color. If you saturate the color by 10%, you get **91.7550, 28.2218, -45.3891**, and if you desaturate by 10%, it is **107.7690, 20.3269, -33.1234**.

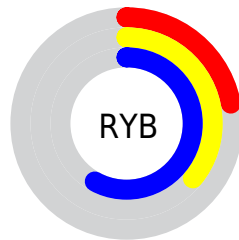
Distribution



Red (22%)

Green (44%)

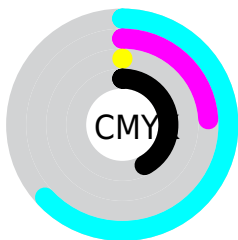
Blue (58%)



Red (22%)

Yellow (36%)

Blue (58%)

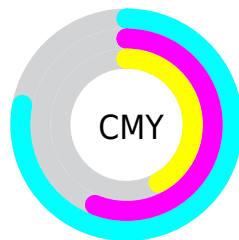


Cyan (63%)

Magenta (24%)

Yellow (0%)

Black (42%)



Cyan (78%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7620, 24.2743, -39.2563 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 99.7620, 24.2743, -39.2563 by changing the saturation by 10% instead.

■ 99.7620, 24.2743,
-39.2563

■ 99.7620, 24.2743,
-39.2563

■ 255.0000, 0.0000,
0.0000

■ 72.8430, 24.7274,
-44.5893

■ 153.1860, 24.5583,
-36.9971

■ 49.3270, 23.9958,
-43.2598

■ 180.3000, 24.9951,
-37.0971

■ 33.6770, 19.8792,
-29.5347

■ 207.8440, 23.2479,
-36.6972

■ 19.3150, 15.6207,
-16.9393

■ 232.9510, 10.8702,
-33.2830

■ 4.5940, 12.5252,
-4.0289

■ 245.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 99.7620, 24.2743,
-39.2563

■ 99.7620, 24.2743,
-39.2563

■ 91.7550, 28.2218,
-45.3891

■ 107.7690, 20.3269,
-33.1234

■ 84.3350, 31.8798,
-52.0368

■ 115.1890, 16.6688,
-26.4758

■ 76.3280, 35.8273,
-58.1697

■ 123.1960, 12.7214,
-20.3429

■ 70.9900, 38.4589,
-62.2582

■ 131.2030, 8.7739,
-14.2100

■ 139.2100, 4.8265,
-8.0772

■ 146.3310, 1.3158,
-2.0443

■ 154.3380, -2.6316,
4.0886

■ 162.3450, -6.5791,
10.2214

■ 169.7650,
-10.2371, 16.8691

Harmonies

Analogous

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



90.5760, 22.8870, -61.0182



99.7620, 24.2743, -39.2563



106.8300, 21.2828, -13.0059

Triad

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



99.7620, 24.2743, -39.2563



108.8520, -5.3500, 36.0868



102.3670, -13.4919, -12.5999

Complementary

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



99.7620, 24.2743, -39.2563



104.2380, -24.2743, 39.2563

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.



104.7670, -20.0981, 6.3433



99.7620, 24.2743, -39.2563



108.3110, -14.9433, 33.0533

Square

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



99.7620, 24.2743, -39.2563



110.4410, 4.7126, 28.5542



106.7520, -20.5837, 22.1425



97.9220, -1.9335, -33.2576

Rectangle

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



99.7620, 24.2743, -39.2563



109.4900, 17.0134, 3.0783



106.7520, -20.5837, 22.1425



103.0150, -16.2764, -6.1522

Sweetspot

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



99.7620, 24.2743, -39.2563



174.7190, 9.5055, -15.5396



114.0540, -12.3516, -51.7904



85.1390, 5.8475, -8.8919



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



99.7620, 24.2743, -39.2563



116.5880, 38.1641, -61.0287



73.3470, 37.2969, -16.0903



70.1460, 1.9000, -2.7590



65.6270, 35.6799, -57.5549



4.6620, 2.6316, -4.0886

Inverse Universe

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



89.7180, 11.4780, 51.9903



101.2130, 17.6430, 81.3742



130.6530, -37.2969, 16.0903



69.5490, 0.7153, 3.9035



50.9520, 16.7857, 76.3411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 99.7620, 24.2743, -39.2563 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 99.7620, 24.2743, -39.2563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

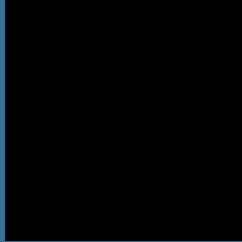
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7620, 24.2743, -39.2563

Background



This preview shows how black text looks on a background with the YUV color 99.7620, 24.2743, -39.2563.

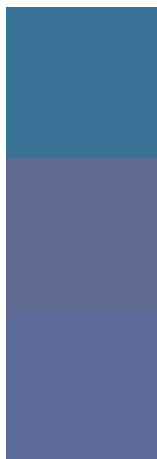


This preview shows how white text looks on a background with the YUV color 99.7620, 24.2743,

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

99.7620, 24.2743, -39.2563

Protanopia

106.6410, 17.9250, -9.3322

Deuteranopia

106.6450, 21.8670, -13.7207



Tritanopia

96.3130, 15.1287, -45.8785

Trichromacy



Original Color

99.7620, 24.2743, -39.2563

Protanomaly

104.1450, 20.1415, -20.2982

Deuteranomaly

104.4050, 22.4783, -23.1572

Tritanomaly

97.8340, 18.3228, -43.7044

Monochromacy



Original Color

99.7620, 24.2743, -39.2563

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2030, 8.7739, -14.2100

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7620, 24.2743, -39.2563 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(55, 113, 149)` looks like.

```
.text, #text, p{  
    color:rgb(55, 113, 149)  
}
```

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(55, 113, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 113, 149) }
```

Border

The CSS property to change the border of an element to YUV 99.7620, 24.2743, -39.2563 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(55, 113, 149) }
```


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

```
.border{ border-color:rgb(55, 113, 149) }
```

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

Here you see how a box with a 4 pixel rgb(55, 113, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 113, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 113, 149);  
box-shadow:4px 4px 4px 4px rgb(55, 113,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 99.7620, 24.2743, -39.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 113, 149) }
```

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

```
.background{ background-color: rgb(55, 113,  
149) }
```

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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