

Converting Colors

YUV(49.6490, 22.3580,
-31.2642)

Have a look what the booklet for
YUV(49.6490, 22.3580, -31.2642)
contains.

YUV(49.6490, 22.3580, -31.2642)	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>	30

Color

**YUV(49.6490, 22.3580,
-31.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	0E3B5F
RGB	14, 59, 95
RGB Percent	5%, 23%, 37%
CMY	0.9451, 0.7686, 0.6275
CMYK	0.85, 0.38, 0.00, 0.63
HSL	207°, 74%, 21%
HSV	207°, 85%, 37%
XYZ	3.8106, 4.0475, 11.4069
YIQ	49.6490, -38.3760, 1.6560

Conversions

Conversions Part 2

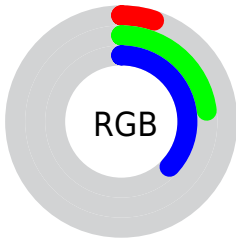
Format	Color
R_{YB}	14, 43, 95
Decimal	932703
CIE _{Lab}	23.83, -0.54, -25.61
CIE _{LCh}	24, 25.620, 268.785
Yxy	4.0475, 0.1978, 0.2101
Android (android.graphics.Color)	4279122783 (0xFF0E3B5F)
YUV	49.6490, 22.3580, -31.2642
Hunter-Lab	20.1184, -1.3976, -19.5337

Details

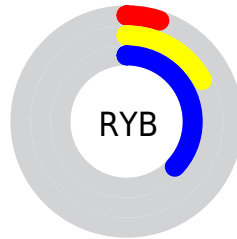
The YUV color **49.6490, 22.3580, -31.2642** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **59.3510, -22.3580, 31.2642**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3940, 22.4838, -24.9015**, and **14.8640, 16.3360, -13.0357** is the 20% darker color. If you saturate the color by 10%, you get **44.6100, 24.8423, -34.7380**, and if you desaturate by 10%, it is **54.9870, 19.7264, -27.1756**.

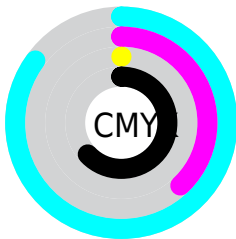
Distribution



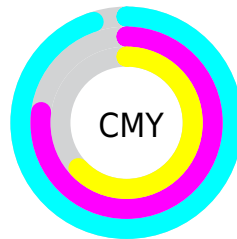
- Red (5%)
- Green (23%)
- Blue (37%)



- Red (5%)
- Yellow (17%)
- Blue (37%)



- Cyan (85%)
- Magenta (38%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6490, 22.3580, -31.2642 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 49.6490, 22.3580, -31.2642 by changing the saturation by 10% instead.

■ 49.6490, 22.3580,
-31.2642

■ 49.6490, 22.3580,
-31.2642

■ 255.0000, 0.0000,
0.0000

■ 30.4000, 20.0158,
-26.6608

■ 100.3940, 22.4838,
-24.9015

■ 14.8640, 16.3360,
-13.0357

■ 125.8070, 22.7731,
-24.3867

■ 3.6650, 11.5042,
-3.2142

■ 152.0350, 23.6467,
-24.5867

■ 0.0000, 0.0000,
0.0000

■ 179.1490, 24.0835,
-24.6867

■ 206.4480, 23.9361,
-24.0719

■ 231.8430, 11.4164,

-21.7873

■ 249.3190, 2.8007,
-11.6808

■ 49.6490, 22.3580,
-31.2642

■ 49.6490, 22.3580,
-31.2642

■ 44.6100, 24.8423,
-34.7380

■ 54.9870, 19.7264,
-27.1756

■ 41.9410, 26.1581,
-36.7823

■ 60.0260, 17.2422,
-23.7018

■ 65.9510, 14.3212,
-20.1280

■ 70.9900, 11.8369,
-16.6542

■ 76.3280, 9.2053,
-12.5657

■ 81.3670, 6.7211,
-9.0919

■ 87.2920, 3.8000,
-5.5181

■ 92.3310, 1.3158,
-2.0443

■ 97.6690, -1.3158,
2.0443

Harmonies

Analogous

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



47.7140, 20.3540, -41.8452



49.6490, 22.3580, -31.2642



57.5280, 16.0087, -1.3401

Triad

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



49.6490, 22.3580, -31.2642



56.6080, -8.6807, 31.0388



49.4350, -6.6235, -22.3065

Complementary

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



49.6490, 22.3580, -31.2642



59.3510, -22.3580, 31.2642

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.



52.8520, -15.7030, -3.3782



49.6490, 22.3580, -31.2642



55.7290, -15.6424, 23.9167

Square

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



49.6490, 22.3580, -31.2642



57.3010, 0.3446, 29.5540



54.4410, -18.9514, 11.8912



45.0120, 4.9241, -39.4755

Rectangle

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



49.6490, 22.3580, -31.2642



58.7640, 11.4553, 12.4850



54.4410, -18.9514, 11.8912



50.8550, -10.2815, -15.6588

Sweetspot

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



49.6490, 22.3580, -31.2642



104.5130, 8.6211, -11.8509



65.5370, -8.1527, -45.1979



50.6230, 5.1159, -7.5624



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



49.6490, 22.3580, -31.2642



53.8240, 33.6108, -47.2036



26.1690, 33.9337, -10.6722



45.6300, 1.1684, -1.4295



49.1620, 30.9791, -43.1151



105.4310, 66.3425, -92.4630

Inverse Universe

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



43.3490, 7.7159, 45.2979



44.2300, 11.7186, 68.2043



82.8310, -33.9337, 10.6722



45.4240, 0.2840, 2.2592



40.5560, 10.5719, 62.6564



86.9220, 22.7165, 134.2494

Previews

White Background



This preview shows how the YUV color 49.6490, 22.3580, -31.2642 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 ✓ Pass

Black Background



This preview shows how the YUV color 49.6490, 22.3580, -31.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

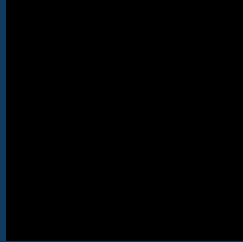
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6490, 22.3580, -31.2642

Background



This preview shows how black text looks on a background with the YUV color 49.6490, 22.3580, -31.2642.



This preview shows how white text looks on a background with the YUV color 49.6490, 22.3580,

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

49.6490, 22.3580, -31.2642

Protanopia

56.2170, 17.6410, -11.5913

Deuteranopia

53.2590, 20.5783, -20.3981

Trichromacy



Original Color

49.6490, 22.3580, -31.2642

Protanomaly

53.6290, 19.4099, -18.9686

Deuteranomaly

52.0520, 21.1734, -24.6016

Monochromacy



Original Color

49.6490, 22.3580, -31.2642

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.6980, 8.0369, -11.1361

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6490, 22.3580, -31.2642 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(14, 59, 95)` looks like.

```
.text, #text, p{  
    color:rgb(14, 59, 95)  
}
```

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(14, 59, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 59, 95) }
```

Border

The CSS property to change the border of an element to YUV 49.6490, 22.3580, -31.2642 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(14, 59, 95) }
```

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

```
.border{ border-color:rgb(14, 59, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 59, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 59, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 59, 95);  
box-shadow:4px 4px 4px 4px rgb(14, 59, 95)  
}
```


Background

The CSS property to change the background color of an element to YUV 49.6490, 22.3580, -31.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 59, 95) }
```

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

```
.background{ background-color: rgb(14, 59,  
95) }
```

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