

Converting Colors

YUV(87.4160, 2.2599, -24.9208)

Have a look what the booklet for
YUV(87.4160, 2.2599, -24.9208)
contains.

YUV(87.4160, 2.2599, -24.9208)	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(87.4160, 2.2599,
-24.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	3B655C
RGB	59, 101, 92
RGB Percent	23%, 40%, 36%
CMY	0.7686, 0.6039, 0.6392
CMYK	0.42, 0.00, 0.09, 0.60
HSL	167°, 26%, 31%
HSV	167°, 42%, 40%
XYZ	8.3891, 11.0099, 11.8082
YIQ	87.4160, -22.1430, -11.7030

Conversions

Conversions Part 2

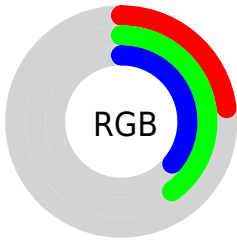
Format	Color
RYB	59, 83, 101
Decimal	3892572
CIELab	39.60, -17.02, 0.48
CIElCh	40, 17.031, 178.380
Yxy	11.0099, 0.2688, 0.3528
Android (android.graphics.Color)	4282082652 (0xFF3B655C)
YUV	87.4160, 2.2599, -24.9208
Hunter-Lab	33.1811, -12.9374, 2.1272

Details

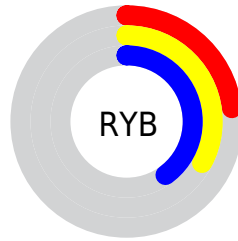
The YUV color $87.4160, 2.2599, -24.9208$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $72.5840, -2.2599, 24.9208$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.0030, 1.9705, -25.4356$, and $39.6330, 3.1389, -26.8651$ is the 20% darker color. If you saturate the color by 10%, you get $84.1980, 2.8604, -30.8686$, and if you desaturate by 10%, it is $90.6340, 1.6594, -18.9730$.

Distribution



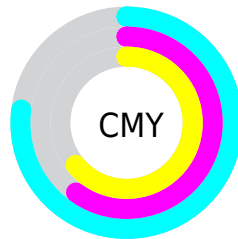
- Red (23%)
- Green (40%)
- Blue (36%)



- Red (23%)
- Yellow (33%)
- Blue (40%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (77%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4160, 2.2599, -24.9208 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 87.4160, 2.2599, -24.9208 by changing the saturation by 10% instead.

87.4160, 2.2599,
-24.9208

87.4160, 2.2599,
-24.9208

255.0000, 0.0000,
0.0000

63.5300, 2.6967,
-25.0208

138.0030, 1.9705,
-25.4356

39.6330, 3.1389,
-26.8651

164.7040, 2.1179,
-26.0504

22.3350, 1.8068,
-19.5878

191.9920, 1.9759,
-27.1800

0.0000, 0.0000,
0.0000

219.9920, 1.9759,
-27.1800

243.2960, 4.2911,
-23.0616

252.0100, 1.4741,

-6.1478

■ 87.4160, 2.2599,
-24.9208

■ 87.4160, 2.2599,
-24.9208

■ 84.1980, 2.8604,
-30.8686

■ 90.6340, 1.6594,
-18.9730

■ 80.9800, 3.4609,
-36.8165

■ 93.8520, 1.0590,
-13.0252

■ 77.7620, 4.0613,
-42.7643

■ 97.0700, 0.4585,
-7.0774

■ 74.4300, 4.2250,
-48.6121

■ 100.4020, 0.2948,
-1.2296

■ 70.9130, 4.9729,
-55.1747

■ 103.9190, -0.4531,
5.3330

■ 68.2930, 5.2786,
-59.8930

■ 107.1370, -1.0535,
11.2809

■ 110.3550, -1.6540,
17.2287

■ 113.5730, -2.2545,
23.1765

■ 116.7910, -2.8550,
29.1243

Harmonies

Analogous

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



89.4190, -5.6296, -14.3995



87.4160, 2.2599, -24.9208



86.9190, 9.4069, -30.6240

Triad

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



87.4160, 2.2599, -24.9208



94.3880, 11.6407, -0.3403



93.4340, -11.5530, 18.9134

Complementary

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



87.4160, 2.2599, -24.9208



72.5840, -2.2599, 24.9208

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.



94.7210, -6.7645, 23.0467



87.4160, 2.2599, -24.9208



95.6840, 6.0718, 12.5551

Square

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



87.4160, 2.2599, -24.9208



91.9840, 14.3049, -14.8950



95.4310, -0.2125, 21.5470



92.6240, -13.1256, 9.9768

Rectangle

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



87.4160, 2.2599, -24.9208



87.2550, 13.1853, -29.1646



95.4310, -0.2125, 21.5470



94.0860, -10.3954, 20.9726

Sweetspot

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



87.4160, 2.2599, -24.9208



124.8740, 1.0481, -9.5365



86.3450, -13.4811, -16.0886



63.0810, 0.4531, -5.3330



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



87.4160, 2.2599, -24.9208



108.9690, 3.4663, -38.5608



81.3980, 9.6638, -19.6430



49.3910, 0.3002, -2.9739



77.7650, 6.0319, -68.1999



163.7140, 12.9590, -143.5772

Inverse Universe

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



72.5840, -2.2599, 24.9208



86.0310, -3.4663, 38.5608



78.6020, -9.6638, 19.6430



47.6090, -0.3002, 2.9739



37.2350, -6.0319, 68.1999



78.2860, -12.9590, 143.5772

Previews

White Background



This preview shows how the YUV color 87.4160, 2.2599, -24.9208 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 87.4160, 2.2599, -24.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

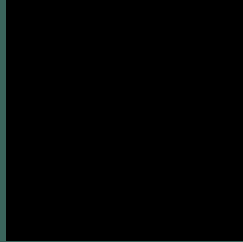
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4160, 2.2599, -24.9208

Background



This preview shows how black text looks on a background with the YUV color 87.4160, 2.2599, -24.9208.



This preview shows how white text looks on a background with the YUV color 87.4160, 2.2599, -24.9208.

-24.9208.

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

87.4160, 2.2599, -24.9208

Protanopia

93.2130, -3.0630, 2.4442

Deuteranopia

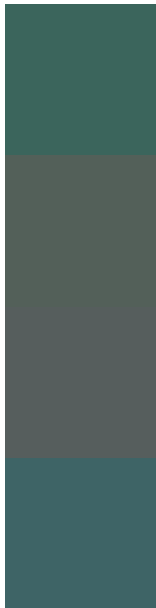
93.7450, 0.1257, 6.3626



Tritanopia

89.1480, 8.8010, -22.9318

Trichromacy



Original Color

87.4160, 2.2599, -24.9208

Protanomaly

91.3150, -1.1413, -7.2923

Deuteranomaly

91.4940, 0.7425, -4.8182

Tritanomaly

88.8660, 6.4751, -23.5615

Monochromacy



Original Color

87.4160, 2.2599, -24.9208

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1730, 0.9007, -8.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4160, 2.2599, -24.9208 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(59, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(59, 101, 92)  
}
```

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(59, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 101, 92) }
```

Border

The CSS property to change the border of an element to YUV 87.4160, 2.2599, -24.9208 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(59, 101, 92) }
```


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

```
.border{ border-color:rgb(59, 101, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 101, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(59, 101,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 87.4160, 2.2599, -24.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 101, 92) }
```

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

```
.background{ background-color: rgb(59, 101,  
92) }
```

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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