

Converting Colors

YUV(93.1840, -22.7687,
-23.8404)

Have a look what the booklet for
YUV(93.1840, -22.7687, -23.8404)
contains.

YUV(93.1840, -22.7687, -23.8404)	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(93.1840, -22.7687,
-23.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	42742F
RGB	66, 116, 47
RGB Percent	26%, 45%, 18%
CMY	0.7412, 0.5451, 0.8157
CMYK	0.43, 0.00, 0.59, 0.55
HSL	103°, 42%, 32%
HSV	103°, 59%, 45%
XYZ	9.0052, 13.8543, 4.8888
YIQ	93.1840, -7.6510, -32.0590

Conversions

Conversions Part 2

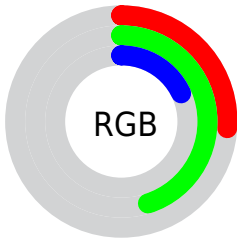
Format	Color
RYB	47, 116, 97
Decimal	4355119
CIELab	44.02, -30.78, 32.40
CIElCh	44, 44.692, 133.528
Yxy	13.8543, 0.3245, 0.4993
Android (android.graphics.Color)	4282545199 (0xFF42742F)
YUV	93.1840, -22.7687, -23.8404
Hunter-Lab	37.2213, -21.9514, 18.2675

Details

The YUV color **93.1840, -22.7687, -23.8404** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.8160, 22.7687, 23.8404**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4290, -24.3685, -24.0552**, and **43.2160, -21.3055, -26.4994** is the 20% darker color. If you saturate the color by 10%, you get **89.4240, -26.8310, -27.5588**, and if you desaturate by 10%, it is **96.9440, -18.7064, -20.1219**.

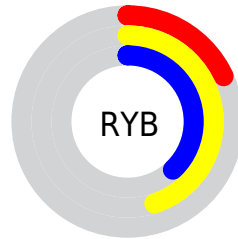
Distribution



Red (26%)

Green (45%)

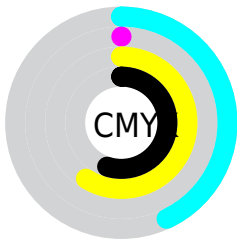
Blue (18%)



Red (18%)

Yellow (45%)

Blue (38%)

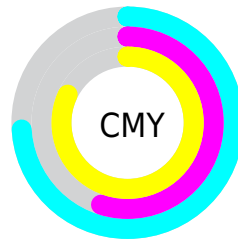


Cyan (43%)

Magenta (0%)

Yellow (59%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1840, -22.7687, -23.8404 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 93.1840, -22.7687, -23.8404 by changing the saturation by 10% instead.

■ 93.1840, -22.7687,
-23.8404

■ 93.1840, -22.7687,
-23.8404

255.0000, 0.0000,
0.0000

■ 68.2980, -22.3319,
-23.9403

■ 144.4290,
-24.3685, -24.0552

■ 43.2160, -21.3055,
-26.4994

■ 171.9020,
-25.0947, -24.4701

■ 25.8280, -12.7332,
-22.6512

■ 199.3750,
-25.8209, -24.8849

■ 13.5010, -6.6560,
-11.8404

■ 227.8480,
-26.5471, -25.2997

■ 0.0000, 0.0000,
0.0000

■ 240.8850,
-19.1703, -11.3001

■ 252.1500,

-10.9200, 2.4994

■ 93.1840, -22.7687,
-23.8404

■ 93.1840, -22.7687,
-23.8404

■ 89.4240, -26.8310,
-27.5588

■ 96.9440, -18.7064,
-20.1219

■ 85.4790, -30.3091,
-31.9921

■ 100.8890,
-15.2283, -15.6887

■ 81.7190, -34.3715,
-35.7106

■ 104.6490,
-11.1660, -11.9702

■ 77.7740, -37.8496,
-40.1438

■ 108.5940, -7.6878,
-7.5369

■ 77.6600, -38.2864,
-40.0438

■ 112.3540, -3.6255,
-3.8185

■ 116.1140, 0.4368,
-0.1000

■ 120.0590, 3.9149,
4.3333

■ 123.8190, 7.9772,
8.0517

■ 127.7640, 11.4553,
12.4850

Harmonies

Analogous

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



97.8370, -36.4016, 8.9130



93.1840, -22.7687, -23.8404



80.3750, 0.8011, -70.4889

Triad

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



93.1840, -22.7687, -23.8404



86.8680, 43.4491, -76.1832



102.6640, -6.7364, 60.8077

Complementary

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



93.1840, -22.7687, -23.8404



69.8160, 22.7687, 23.8404

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.



105.3540, 10.1785, 48.8015



93.1840, -22.7687, -23.8404



99.3730, 37.7771, -30.1451

Square

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



93.1840, -22.7687, -23.8404



87.9960, 32.5400, -77.1725



107.3530, 24.9690, 18.1074



102.1520, -23.7389, 54.2407

Rectangle

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



93.1840, -22.7687, -23.8404



83.8120, 11.4317, -73.5031



107.3530, 24.9690, 18.1074



103.1460, -1.0580, 59.5080

Sweetspot

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



93.1840, -22.7687, -23.8404



141.2410, -8.9928, -8.9814



96.3940, -24.3512, 17.1945



71.1750, -5.5093, -6.2925



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



93.1840, -22.7687, -23.8404



114.8930, -34.9502, -36.7402



89.2130, -13.4160, -37.0208



56.8210, -1.8838, -2.4740



81.7800, -40.3175, -41.9031



167.3810, -82.5188, -86.2801

Inverse Universe

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



69.8160, 22.7687, 23.8404



79.1070, 34.9502, 36.7402



73.7870, 13.4160, 37.0208



54.8800, 2.0312, 1.8592



40.5190, 40.1701, 42.5178



82.6190, 82.5188, 86.2801

Previews

White Background



This preview shows how the YUV color 93.1840, -22.7687, -23.8404 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 93.1840, -22.7687, -23.8404 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 93.1840, -22.7687, -23.8404

Background



This preview shows how black text looks on a background with the YUV color 93.1840, -22.7687, -23.8404.



This preview shows how white text looks on a background with the YUV color 93.1840, -22.7687, -23.8404.

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

93.1840, -22.7687, -23.8404

Protanopia

100.3350, -28.2662, 12.8612

Deuteranopia

102.0140, -24.6569, 21.9127



Tritanopia

100.7570, 8.5008, -19.9579

Trichromacy



Original Color

93.1840, -22.7687, -23.8404

Protanomaly

97.4150, -26.3336, -0.3640

Deuteranomaly

98.7300, -24.0239, 5.4988

Tritanomaly

98.3580, -3.1345, -21.3620

Monochromacy



Original Color

93.1840, -22.7687, -23.8404

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7680, -8.2666, -8.5665

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1840, -22.7687, -23.8404 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(66, 116, 47)` looks like.

```
.text, #text, p{  
    color:rgb(66, 116, 47)  
}
```

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(66, 116, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 116, 47) }
```

Border

The CSS property to change the border of an element to YUV 93.1840, -22.7687, -23.8404 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(66, 116, 47) }
```


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

```
.border{ border-color:rgb(66, 116, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 116, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 116, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 116, 47);  
box-shadow:4px 4px 4px 4px rgb(66, 116,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 93.1840, -22.7687, -23.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 116, 47) }
```

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

```
.background{ background-color: rgb(66, 116,  
47) }
```

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