

Converting Colors

YUV(84.0980, -25.6843,
-22.0109)

Have a look what the booklet for
YUV(84.0980, -25.6843, -22.0109)
contains.

YUV(84.0980, -25.6843, -22.0109)	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(84.0980, -25.6843,
-22.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6B20
RGB	59, 107, 32
RGB Percent	23%, 42%, 13%
CMY	0.7686, 0.5804, 0.8745
CMYK	0.45, 0.00, 0.70, 0.58
HSL	98°, 54%, 27%
HSV	98°, 70%, 42%
XYZ	7.3220, 11.5495, 3.2099
YIQ	84.0980, -4.5330, -33.5010

Conversions

Conversions Part 2

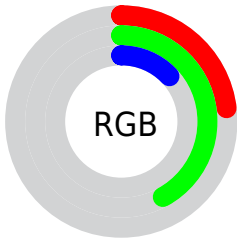
Format	Color
RYB	32, 107, 80
Decimal	3894048
CIELab	40.49, -30.75, 35.61
CIELCh	40, 47.050, 130.804
Yxy	11.5495, 0.3316, 0.5230
Android (android.graphics.Color)	4282084128 (0xFF3B6B20)
YUV	84.0980, -25.6843, -22.0109
Hunter-Lab	33.9845, -21.0147, 18.1892

Details

The YUV color **84.0980, -25.6843, -22.0109** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **54.9020, 25.6843, 22.0109**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3430, -27.2841, -22.2258**, and **36.7260, -18.1059, -26.0697** is the 20% darker color. If you saturate the color by 10%, you get **80.7510, -29.4572, -25.2146**, and if you desaturate by 10%, it is **87.4450, -21.9114, -18.8073**.

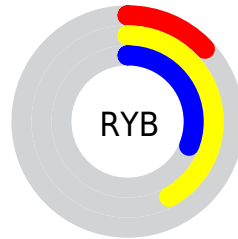
Distribution



Red (23%)

Green (42%)

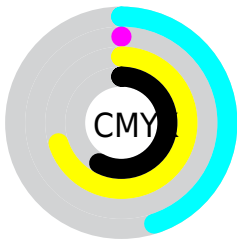
Blue (13%)



Red (13%)

Yellow (42%)

Blue (31%)

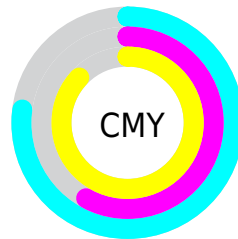


Cyan (45%)

Magenta (0%)

Yellow (70%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0980, -25.6843, -22.0109 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 84.0980, -25.6843, -22.0109 by changing the saturation by 10% instead.

■ 84.0980, -25.6843,
-22.0109

■ 84.0980, -25.6843,
-22.0109

255.0000, 0.0000,
0.0000

■ 58.5710, -26.4105,
-22.4258

■ 135.3430,
-27.2841, -22.2258

■ 36.7260, -18.1059,
-26.0697

■ 162.2290,
-27.7209, -22.1258

■ 21.7190, -10.7075,
-19.0476

■ 189.5880,
-28.8839, -22.4407

■ 1.7610, -0.8682,
-1.5444

■ 217.4740,
-29.3207, -22.3407

■ 0.0000, 0.0000,
0.0000

■ 236.5550,
-25.4166, -14.5187

■ 248.4180,

-17.4611, 0.5104

253.5180, -5.6784,
1.2997

84.0980, -25.6843,
-22.0109

84.0980, -25.6843,
-22.0109

80.7510, -29.4572,
-25.2146

87.4450, -21.9114,
-18.8073

77.5180, -32.7934,
-28.5183

90.6780, -18.5753,
-15.5036

74.4700, -36.7137,
-31.1072

94.0250, -14.8023,
-12.2999

97.0730, -10.8820,
-9.7110

100.4200, -7.1091,
-6.5073

■ 103.6530, -3.7729,
-3.2037

■ 107.0000, 0.0000,
0.0000

■ 110.3470, 3.7729,
3.2037

■ 113.5800, 7.1091,
6.5073

Harmonies

Analogous

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



88.4800, -41.6486, 11.8570



84.0980, -25.6843, -22.0109



73.6100, -2.2727, -64.5560

Triad

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



84.0980, -25.6843, -22.0109



81.3740, 42.7066, -71.3650



92.2560, -4.5632, 63.7965

Complementary

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



84.0980, -25.6843, -22.0109



54.9020, 25.6843, 22.0109

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.



95.7500, 12.9413, 49.3312



84.0980, -25.6843, -22.0109



86.0230, 41.8937, -43.8702

Square

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



84.0980, -25.6843, -22.0109



82.2740, 30.9239, -72.1543



98.3140, 27.4532, 14.6336



92.2170, -22.2920, 56.8147

Rectangle

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



84.0980, -25.6843, -22.0109



77.1610, 8.7946, -67.6702



98.3140, 27.4532, 14.6336



93.1400, 1.4100, 61.2672

Sweetspot

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



84.0980, -25.6843, -22.0109



131.0130, -9.8664, -8.7814



82.6010, -24.9463, 21.3979



65.7730, -5.8041, -5.0629



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



84.0980, -25.6843, -22.0109



104.1230, -40.4866, -34.3109



77.1650, -17.3363, -39.6097



52.1200, -2.0312, -1.8592



81.2370, -40.0498, -34.4108



170.1270, -83.8726, -72.0254

Inverse Universe

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



54.9020, 25.6843, 22.0109



58.1760, 40.3392, 34.9256



61.8350, 17.3363, 39.6097



49.8800, 2.0312, 1.8592



35.7630, 40.0498, 34.4108



74.8730, 83.8726, 72.0254

Previews

White Background



This preview shows how the YUV color 84.0980, -25.6843, -22.0109 looks on a white background.

Color Contrast Check

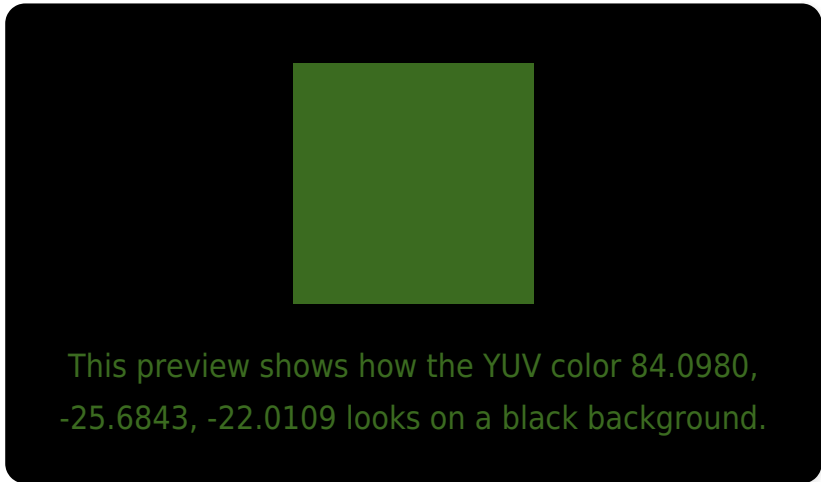
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

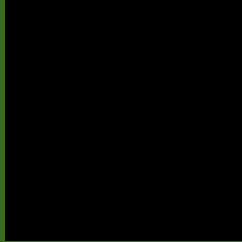
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0980, -25.6843, -22.0109

Background



This preview shows how black text looks on a background with the YUV color 84.0980, -25.6843, -22.0109.



This preview shows how white text looks on a background with the YUV color 84.0980, -25.6843, -22.0109.

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

84.0980, -25.6843, -22.0109

Protanopia

91.0640, -30.5976, 13.9759

Deuteranopia

92.4440, -26.8409, 22.4126



Tritanopia

92.2410, 7.7692, -18.6284

Trichromacy



Original Color

84.0980, -25.6843, -22.0109

Protanomaly

88.4430, -28.8124, 1.3655

Deuteranomaly

89.4590, -26.3553, 6.6135

Tritanomaly

89.6140, -4.7397, -19.8325

Monochromacy



Original Color

84.0980, -25.6843, -22.0109

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8390, -9.2876, -7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0980, -25.6843, -22.0109 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, 107, 32)` looks like.

```
.text, #text, p{  
    color:rgb(59, 107, 32)  
}
```

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, 107, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 107, 32) }
```

Border

The CSS property to change the border of an element to YUV 84.0980, -25.6843, -22.0109 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, 107, 32) }
```


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

```
.border{ border-color:rgb(59, 107, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 107, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 107, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 107, 32);  
box-shadow:4px 4px 4px 4px rgb(59, 107,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 84.0980, -25.6843, -22.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 107, 32) }
```

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

```
.background{ background-color: rgb(59, 107,  
32) }
```

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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