

Converting Colors

YUV(91.6240, -20.0276,
-16.3332)

Have a look what the booklet for
YUV(91.6240, -20.0276, -16.3332)
contains.

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Color

**YUV(91.6240, -20.0276,
-16.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	496D33
RGB	73, 109, 51
RGB Percent	29%, 43%, 20%
CMY	0.7137, 0.5725, 0.8000
CMYK	0.33, 0.00, 0.53, 0.57
HSL	97°, 36%, 31%
HSV	97°, 53%, 43%
XYZ	8.8138, 12.5928, 5.0981
YIQ	91.6240, -2.8380, -25.6700

Conversions

Conversions Part 2

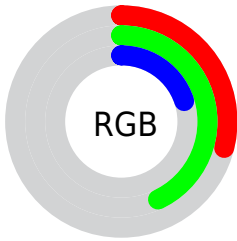
Format	Color
RYB	51, 109, 87
Decimal	4812083
CIELab	42.14, -24.30, 28.16
CIELCh	42, 37.198, 130.793
Yxy	12.5928, 0.3325, 0.4751
Android (android.graphics.Color)	4283002163 (0xFF496D33)
YUV	91.6240, -20.0276, -16.3332
Hunter-Lab	35.4863, -17.7664, 16.3226

Details

The YUV color **91.6240, -20.0276, -16.3332** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **68.3760, 20.0276, 16.3332**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8690, -21.6274, -16.5481**, and **43.7380, -19.5908, -16.4332** is the 20% darker color. If you saturate the color by 10%, you get **88.2770, -23.8006, -19.5369**, and if you desaturate by 10%, it is **94.9710, -16.2547, -13.1296**.

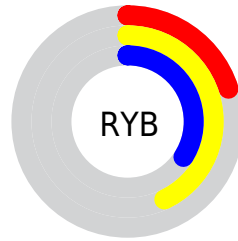
Distribution



Red (29%)

Green (43%)

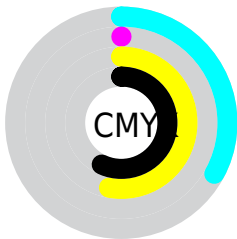
Blue (20%)



Red (20%)

Yellow (43%)

Blue (34%)

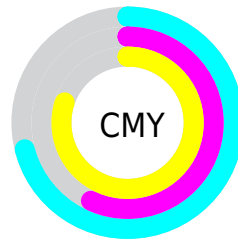


Cyan (33%)

Magenta (0%)

Yellow (53%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.6240, -20.0276, -16.3332 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 91.6240, -20.0276, -16.3332 by changing the saturation by 10% instead.

■ 91.6240, -20.0276,
-16.3332

■ 91.6240, -20.0276,
-16.3332

255.0000, 0.0000,
0.0000

■ 67.1510, -19.3014,
-15.9184

■ 142.8690,
-21.6274, -16.5481

■ 43.7380, -19.5908,
-16.4332

■ 169.3420,
-22.3536, -16.9629

■ 23.1920, -11.4337,
-19.4624

■ 196.8150,
-23.0798, -17.3778

■ 8.2180, -4.0515,
-7.2072

■ 224.7010,
-23.5166, -17.2778

■ 0.0000, 0.0000,
0.0000

■ 243.0210,
-18.7444, -7.9114

■ 252.4920, -9.6096,

2.1995

■ 91.6240, -20.0276,
-16.3332

■ 91.6240, -20.0276,
-16.3332

■ 88.2770, -23.8006,
-19.5369

■ 94.9710, -16.2547,
-13.1296

■ 84.9300, -27.5735,
-22.7406

■ 98.3180, -12.4818,
-9.9259

■ 81.8820, -31.4938,
-25.3295

■ 101.3660, -8.5614,
-7.3370

■ 78.5350, -35.2668,
-28.5332

■ 104.7130, -4.7885,
-4.1333

■ 76.2420, -37.5873,
-30.9072

■ 108.0600, -1.0156,
-0.9296

■ 111.2930, 2.3206,
2.3740

■ 114.3410, 6.2409,
4.9629

■ 117.6880, 10.0138,
8.1666

■ 121.0350, 13.7867,
11.3703

Harmonies

Analogous

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



95.0850, -29.1289, 9.5725



91.6240, -20.0276, -16.3332



80.9040, -1.4317, -54.2898

Triad

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



91.6240, -20.0276, -16.3332



81.2940, 37.3231, -71.2948



100.0540, -4.9566, 49.9416

Complementary

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



91.6240, -20.0276, -16.3332



68.3760, 20.0276, 16.3332

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.



101.6470, 9.0480, 38.0206



91.6240, -20.0276, -16.3332



96.0870, 31.5091, -26.3863

Square

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



91.6240, -20.0276, -16.3332



82.1770, 28.0137, -72.0692



102.3970, 21.4963, 11.9298



98.4760, -18.4757, 46.0635

Rectangle

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



91.6240, -20.0276, -16.3332



78.7910, 9.9630, -69.0997



102.3970, 21.4963, 11.9298



100.5960, -0.2938, 47.7123

Sweetspot

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



91.6240, -20.0276, -16.3332



136.1920, -7.9827, -6.3074



89.4740, -18.9677, 17.1243



67.1260, -4.4991, -3.6185



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.



91.6240, -20.0276, -16.3332



115.4690, -31.7832, -25.8443



85.8440, -13.7271, -30.5582



52.1200, -2.0312, -1.8592



81.8350, -40.3447, -33.1813



171.6220, -84.6096, -68.9515

Inverse Universe

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



68.3760, 20.0276, 16.3332



78.5310, 31.7832, 25.8443



74.1560, 13.7271, 30.5582



49.8800, 2.0312, 1.8592



35.1650, 40.3447, 33.1813



73.3780, 84.6096, 68.9515

Previews

White Background



This preview shows how the YUV color 91.6240, -20.0276, -16.3332 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 91.6240, -20.0276, -16.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

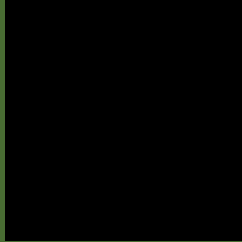
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.6240, -20.0276, -16.3332

Background



This preview shows how black text looks on a background with the YUV color 91.6240, -20.0276, -16.3332.



This preview shows how white text looks on a background with the YUV color 91.6240, -20.0276,

-16.3332.

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

91.6240, -20.0276, -16.3332

Protanopia

96.4750, -23.8982, 11.8614

Deuteranopia

98.2140, -21.3045, 19.9833



Tritanopia

97.6330, 6.5899, -13.7101

Trichromacy



Original Color

91.6240, -20.0276, -16.3332

Protanomaly

95.0500, -22.7026, 1.7102

Deuteranomaly

95.9520, -20.6823, 7.0581

Tritanomaly

95.4020, -3.1562, -14.3846

Monochromacy



Original Color

91.6240, -20.0276, -16.3332

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7190, -7.2565, -5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6240, -20.0276, -16.3332 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(73, 109, 51)` looks like.

```
.text, #text, p{  
    color:rgb(73, 109, 51)  
}
```

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(73, 109, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 109, 51) }
```

Border

The CSS property to change the border of an element to YUV 91.6240, -20.0276, -16.3332 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(73, 109, 51) }
```


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

```
.border{ border-color:rgb(73, 109, 51) }
```

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

Here you see how a box with a 4 pixel rgb(73, 109, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 109, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 109, 51);  
box-shadow:4px 4px 4px 4px rgb(73, 109,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 91.6240, -20.0276, -16.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 109, 51) }
```

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

```
.background{ background-color: rgb(73, 109,  
51) }
```

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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