

Converting Colors

YUV(104.2640, -20.8362,
-37.0655)

Have a look what the booklet for
YUV(104.2640, -20.8362, -37.0655)
contains.

YUV(104.2640, -20.8362, -37.0655)	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(104.2640, -20.8362,
-37.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	3E863E
RGB	62, 134, 62
RGB Percent	24%, 53%, 24%
CMY	0.7569, 0.4745, 0.7569
CMYK	0.54, 0.00, 0.54, 0.47
HSL	120°, 37%, 38%
HSV	120°, 54%, 53%
XYZ	11.3812, 18.4221, 7.5134
YIQ	104.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

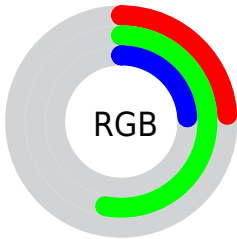
Format	Color
RYB	62, 134, 134
Decimal	4097598
CIELab	50.00, -38.06, 31.77
CIELCh	50, 49.572, 140.146
Yxy	18.4221, 0.3050, 0.4937
Android (android.graphics.Color)	4282287678 (0xFF3E863E)
YUV	104.2640, -20.8362, -37.0655
Hunter-Lab	42.9210, -27.7796, 19.6659

Details

The YUV color **104.2640, -20.8362, -37.0655** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.7360, 20.8362, 37.0655**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6940, -23.0201, -36.5656**, and **50.3170, -17.9043, -44.1280** is the 20% darker color. If you saturate the color by 10%, you get **98.8950, -24.5982, -43.7579**, and if you desaturate by 10%, it is **109.6330, -17.0741, -30.3731**.

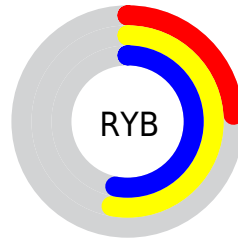
Distribution



Red (24%)

Green (53%)

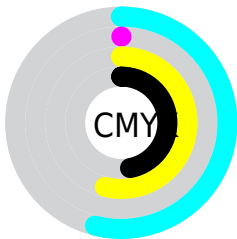
Blue (24%)



Red (24%)

Yellow (53%)

Blue (24%)

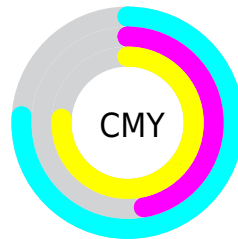


Cyan (54%)

Magenta (0%)

Yellow (54%)

Black (47%)



Cyan (76%)

Magenta (47%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2640, -20.8362, -37.0655 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 104.2640, -20.8362, -37.0655 by changing the saturation by 10% instead.

■ 104.2640,
-20.8362, -37.0655

■ 104.2640,
-20.8362, -37.0655

■ 255.0000, 0.0000,
0.0000

■ 77.8940, -19.6677,
-38.4950

■ 157.6940,
-23.0201, -36.5656

■ 50.3170, -17.9043,
-44.1280

■ 185.1670,
-23.7463, -36.9805

■ 34.6330, -17.0741,
-30.3731

■ 213.3410,
-24.3251, -38.0101

■ 22.8930, -11.2862,
-20.0772

■ 230.9600,
-19.7003, -28.0289

■ 0.0000, 0.0000,
0.0000

■ 242.5240,
-11.5973, -13.6145

■ 254.2020, -3.0576,

0.6998

■ 104.2640,
-20.8362, -37.0655

■ 104.2640,
-20.8362, -37.0655

■ 98.8950, -24.5982,
-43.7579

■ 109.6330,
-17.0741, -30.3731

■ 93.1130, -28.6497,
-50.9651

■ 115.4150,
-13.0226, -23.1660

■ 87.7440, -32.4118,
-57.6575

■ 120.7840, -9.2605,
-16.4736

■ 81.9620, -36.4633,
-64.8647

■ 126.5660, -5.2090,
-9.2664

■ 78.6580, -38.7784,
-68.9831

■ 131.9350, -1.4470,
-2.5740

■ 137.3040, 2.3151,
4.1184

■ 143.0860, 6.3666,
11.3256

■ 148.4550, 10.1287,
18.0180

■ 154.2370, 14.1802,
25.2252

Harmonies

Analogous

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



111.1090, -39.0007, 2.5354



104.2640, -20.8362, -37.0655



92.7480, 5.0542, -81.3400

Triad

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



104.2640, -20.8362, -37.0655



98.1640, 51.1911, -86.0898



117.2260, -12.4364, 69.0848

Complementary

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



104.2640, -20.8362, -37.0655



91.7360, 20.8362, 37.0655

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.



119.1490, 7.8145, 60.3823



104.2640, -20.8362, -37.0655



117.5960, 39.6392, -20.6937

Square

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



104.2640, -20.8362, -37.0655



100.6940, 40.5769, -88.3086



122.7180, 24.7890, 29.1883



116.4530, -30.2963, 57.4847

Rectangle

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



104.2640, -20.8362, -37.0655



96.6410, 17.4320, -84.7542



122.7180, 24.7890, 29.1883



117.6480, -5.7425, 68.7147

Sweetspot

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



104.2640, -20.8362, -37.0655



161.8490, -7.8136, -13.8996



125.7920, -31.4495, 7.1984



79.9790, -4.9196, -8.7516



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



104.2640, -20.8362, -37.0655



127.1570, -32.1224, -57.1427



108.3680, -5.1114, -40.6647



63.5220, -1.7363, -3.0888



76.3100, -37.6208, -66.9239



1.7610, -0.8682, -1.5444

Inverse Universe

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



91.7360, 20.8362, 37.0655



107.8430, 32.1224, 57.1427



87.6320, 5.1114, 40.6647



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 104.2640, -20.8362, -37.0655 looks on a white 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

Black Background



This preview shows how the YUV color 104.2640, -20.8362, -37.0655 looks on a black 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

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

YUV 104.2640, -20.8362, -37.0655 Background



This preview shows how black text looks on a background with the YUV color 104.2640, -20.8362, -37.0655.



This preview shows how white text looks on a background with the YUV color 104.2640, -20.8362, -37.0655.

-37.0655.

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

104.2640, -20.8362, -37.0655

Protanopia

114.9330, -28.5610, 14.0908

Deuteranopia

117.1390, -24.2255, 23.5571



Tritanopia

113.0870, 11.2961, -29.8943

Trichromacy



Original Color

104.2640, -20.8362, -37.0655

Protanomaly

111.2080, -25.7385, -4.5674

Deuteranomaly

112.6370, -22.9920, 1.1954

Tritanomaly

109.9760, -0.4812, -32.4280

Monochromacy



Original Color

104.2640, -20.8362, -37.0655

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2640, -20.8362, -37.0655 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(62, 134, 62)` looks like.

```
.text, #text, p{  
    color:rgb(62, 134, 62)  
}
```

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(62, 134, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 134, 62) }
```

Border

The CSS property to change the border of an element to YUV 104.2640, -20.8362, -37.0655 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(62, 134, 62) }
```


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

```
.border{ border-color:rgb(62, 134, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 134, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 134, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 134, 62);  
box-shadow:4px 4px 4px 4px rgb(62, 134,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 104.2640, -20.8362, -37.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 134, 62) }
```

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

```
.background{ background-color: rgb(62, 134,  
62) }
```

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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