

Converting Colors

YUV(137.0320, -5.4388,
-28.9691)

Have a look what the booklet for
YUV(137.0320, -5.4388, -28.9691)
contains.

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Color

**YUV(137.0320, -5.4388,
-28.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	689C7E
RGB	104, 156, 126
RGB Percent	41%, 61%, 49%
CMY	0.5922, 0.3882, 0.5059
CMYK	0.33, 0.00, 0.19, 0.39
HSL	145°, 21%, 51%
HSV	145°, 33%, 61%
XYZ	21.3633, 28.2263, 24.0609
YIQ	137.0320, -21.3620, -20.3540

Conversions

Conversions Part 2

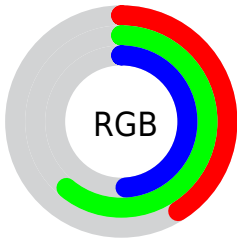
Format	Color
RYB	104, 141, 156
Decimal	6855806
CIELab	60.09, -23.98, 10.28
CIELCh	60, 26.091, 156.799
Yxy	28.2263, 0.2901, 0.3832
Android (android.graphics.Color)	4285045886 (0xFF689C7E)
YUV	137.0320, -5.4388, -28.9691
Hunter-Lab	53.1285, -21.1989, 10.3386

Details

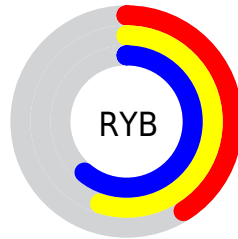
The YUV color **137.0320, -5.4388, -28.9691** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **122.9680, 5.4388, 28.9691**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2060, -6.0176, -29.9987**, and **85.9720, -4.4232, -28.0394** is the 20% darker color. If you saturate the color by 10%, you get **131.2220, -7.0114, -37.9057**, and if you desaturate by 10%, it is **142.8420, -3.8661, -20.0324**.

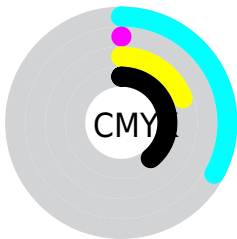
Distribution



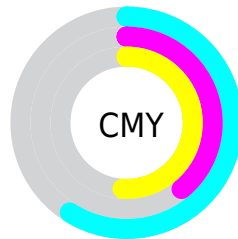
- Red (41%)
- Green (61%)
- Blue (49%)



- Red (41%)
- Yellow (55%)
- Blue (61%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)





- Cyan (59%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0320, -5.4388, -28.9691 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 137.0320, -5.4388, -28.9691 by changing the saturation by 10% instead.


 137.0320, -5.4388,
-28.9691

 137.0320, -5.4388,
-28.9691


255.0000, 0.0000,
0.0000

 111.4450, -5.1494,
-28.4543


 191.2060, -6.0176,
-29.9987


 85.9720, -4.4232,
-28.0394


 218.7930, -6.3069,
-30.5135


 61.7870, -3.8390,
-28.7542

 239.7490, -2.8343,
-24.3359

 37.5200, -2.2284,
-32.0280

 250.8140, 2.0637,
-8.6069

 21.7990, -5.3239,
-19.1177

 0.5870, -0.2894,
-0.5148

 0.0000, 0.0000,

0.0000

■ 137.0320, -5.4388,
-28.9691

■ 137.0320, -5.4388,
-28.9691

■ 131.2220, -7.0114,
-37.9057

■ 142.8420, -3.8661,
-20.0324

■ 125.7110, -8.7315,
-46.2275

■ 148.3530, -2.1460,
-11.7106

■ 119.9010,
-10.3042, -55.1642

■ 154.1630, -0.5734,
-2.7740

■ 114.3900,
-12.0243, -63.4860

■ 159.6740, 1.1467,
5.5479

■ 108.5800,
-13.5969, -72.4227

■ 165.4840, 2.7194,
14.4845

■ 102.7700,
-15.1696, -81.3593

■ 171.2940, 4.2921,
23.4212

■ 99.0960, -16.3163,
-86.9072

■ 176.8050, 6.0121,
31.7430

■ 182.6150, 7.5848,
40.6796

■ 188.1260, 9.3049,
49.0015

Harmonies

Analogous

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



140.5910, -16.5604, -8.4113



137.0320, -5.4388, -28.9691



133.6520, 7.5666, -47.0528

Triad

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



137.0320, -5.4388, -28.9691



143.5520, 22.8989, -18.0241



146.8600, -14.2280, 36.9568

Complementary

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



137.0320, -5.4388, -28.9691



122.9680, 5.4388, 28.9691

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.



147.9060, -3.8977, 36.9164



137.0320, -5.4388, -28.9691



147.5120, 17.0026, 6.5670

Square

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



137.0320, -5.4388, -28.9691



137.3380, 23.9904, -41.5154



148.4130, 7.1914, 26.8248



144.7850, -20.6000, 27.3756

Rectangle

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



137.0320, -5.4388, -28.9691



132.4970, 16.0240, -53.0559



148.4130, 7.1914, 26.8248



147.0820, -10.8864, 38.5161

Sweetspot

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



137.0320, -5.4388, -28.9691



196.6520, -2.2934, -11.0958



143.4940, -19.4705, -8.3262



97.6140, -1.2887, -6.6775



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



137.0320, -5.4388, -28.9691



174.1240, -8.4421, -45.7127



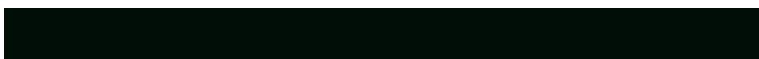
139.9960, 5.9180, -31.5685



76.0380, -1.0047, -4.4183



90.7810, -15.1750, -79.6149



9.4890, -1.7201, -8.3219

Inverse Universe

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



122.9680, 5.4388, 28.9691



151.8760, 8.4421, 45.7127



120.0040, -5.9180, 31.5685



73.9620, 1.0047, 4.4183



52.1050, 14.7382, 79.7149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 137.0320, -5.4388, -28.9691 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 137.0320, -5.4388, -28.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

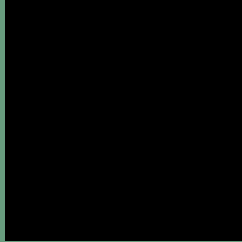
Any Text WCAG AA ✓ Pass

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 137.0320, -5.4388, -28.9691 Background



This preview shows how black text looks on a background with the YUV color 137.0320, -5.4388, -28.9691.



This preview shows how white text looks on a background with the YUV color 137.0320, -5.4388, -28.9691.

-28.9691.

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

137.0320, -5.4388, -28.9691

Protanopia

143.6560, -11.6624, 7.3177

Deuteranopia

145.4490, -7.6164, 16.2692



Tritanopia

140.7070, 10.9904, -25.1760

Trichromacy



Original Color

137.0320, -5.4388, -28.9691

Protanomaly

141.1490, -9.4405, -5.3927

Deuteranomaly

142.2790, -6.5465, -0.2447

Tritanomaly

139.5020, 5.1755, -26.7503

Monochromacy



Original Color

137.0320, -5.4388, -28.9691

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0320, -5.4388, -28.9691 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(104, 156, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 156, 126)  
}
```

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(104, 156, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 156, 126) }
```

Border

The CSS property to change the border of an element to YUV 137.0320, -5.4388, -28.9691 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(104, 156, 126) }
```


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

```
.border{ border-color:rgb(104, 156, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 156, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 156, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 156, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 156,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 137.0320, -5.4388, -28.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 156, 126) }
```

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

```
.background{ background-color: rgb(104,  
156, 126) }
```

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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