

Converting Colors

YUV(140.9280, -4.4015,
-35.0169)

Have a look what the booklet for
YUV(140.9280, -4.4015, -35.0169)
contains.

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Color

**YUV(140.9280, -4.4015,
-35.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	65A384
RGB	101, 163, 132
RGB Percent	40%, 64%, 52%
CMY	0.6039, 0.3608, 0.4824
CMYK	0.38, 0.00, 0.19, 0.36
HSL	150°, 25%, 52%
HSV	150°, 38%, 64%
XYZ	22.6289, 30.6270, 26.5487
YIQ	140.9280, -27.0010, -22.7850

Conversions

Conversions Part 2

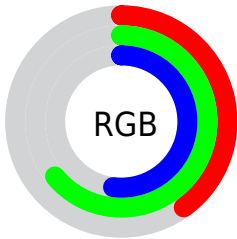
Format	Color
RYB	101, 142, 163
Decimal	6660996
CIELab	62.19, -27.14, 9.87
CIElCh	62, 28.877, 160.022
Yxy	30.6270, 0.2836, 0.3838
Android (android.graphics.Color)	4284851076 (0xFF65A384)
YUV	140.9280, -4.4015, -35.0169
Hunter-Lab	55.3417, -23.8604, 10.2964

Details

The YUV color **140.9280, -4.4015, -35.0169** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **123.0720, 4.4015, 35.0169**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1020, -4.9803, -36.0465**, and **89.5690, -3.2385, -34.7020** is the 20% darker color. If you saturate the color by 10%, you get **135.2320, -5.5374, -44.0535**, and if you desaturate by 10%, it is **146.6240, -3.2656, -25.9802**.

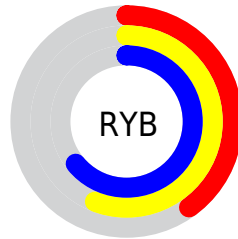
Distribution



Red (40%)

Green (64%)

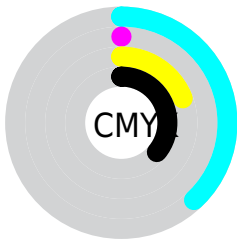
Blue (52%)



Red (40%)

Yellow (56%)

Blue (64%)

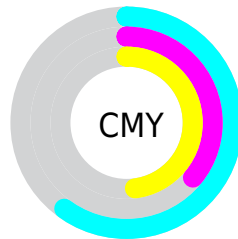


Cyan (38%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9280, -4.4015, -35.0169 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 140.9280, -4.4015, -35.0169 by changing the saturation by 10% instead.

■ 140.9280, -4.4015,
-35.0169

■ 140.9280, -4.4015,
-35.0169

255.0000, 0.0000,
0.0000

■ 115.0420, -3.9647,
-35.1168

■ 195.1020, -4.9803,
-36.0465

■ 89.5690, -3.2385,
-34.7020

■ 223.6890, -5.2697,
-36.5613

■ 63.7860, -2.3595,
-36.6463

■ 239.9490, 0.5181,
-26.2653

■ 40.7260, -1.3439,
-35.7167

■ 250.2160, 2.3585,
-9.8364

■ 25.4180, -4.1501,
-22.2916

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,

0.0000

■ 140.9280, -4.4015,
-35.0169

■ 140.9280, -4.4015,
-35.0169

■ 135.2320, -5.5374,
-44.0535

■ 146.6240, -3.2656,
-25.9802

■ 129.2370, -6.5258,
-53.7048

■ 152.6190, -2.2772,
-16.3289

■ 123.5410, -7.6617,
-62.7415

■ 158.3150, -1.1413,
-7.2923

■ 117.7310, -9.2344,
-71.6781

■ 164.1250, 0.4314,
1.6444

■ 111.7360,
-10.2228, -81.3295

■ 169.8210, 1.5672,
10.6810

■ 106.0400,
-11.3587, -90.3661

■ 175.8160, 2.5557,
20.3324

■ 105.0290,
-11.3533, -92.1104

■ 181.5120, 3.6916,
29.3690

■ 187.2080, 4.8275,
38.4056

■ 193.2030, 5.8159,
48.0570

Harmonies

Analogous

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



145.0420, -17.2757, -12.3148



140.9280, -4.4015, -35.0169



136.4060, 10.6458, -54.7301

Triad

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



140.9280, -4.4015, -35.0169



149.4210, 24.9354, -17.9092



152.0130, -16.2754, 40.3306

Complementary

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



140.9280, -4.4015, -35.0169



123.0720, 4.4015, 35.0169

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.



153.2980, -5.0769, 41.8347



140.9280, -4.4015, -35.0169



153.7620, 17.8653, 9.8557

Square

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



140.9280, -4.4015, -35.0169



142.5270, 27.3482, -45.1892



154.0330, 6.8857, 31.5431



150.4000, -23.3682, 28.5902

Rectangle

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



140.9280, -4.4015, -35.0169



135.6530, 19.3981, -61.9627



154.0330, 6.8857, 31.5431



152.2350, -12.9339, 41.8899

Sweetspot

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



140.9280, -4.4015, -35.0169



203.4560, -1.7038, -13.5549



146.6630, -22.5119, -12.8595



102.0160, -0.9939, -7.9070



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



140.9280, -4.4015, -35.0169



177.1120, -6.9572, -55.3492



144.4620, 9.1392, -38.1162



78.8530, -0.4205, -5.1331



93.4370, -10.0754, -81.9442



11.5920, -1.2779, -10.1662

Inverse Universe

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



123.0720, 4.4015, 35.0169



148.8880, 6.9572, 55.3492



119.5380, -9.1392, 38.1162



76.2610, 0.8573, 5.0331



51.6770, 10.5122, 81.8443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 140.9280, -4.4015, -35.0169 looks on a white background.

Color Contrast Check

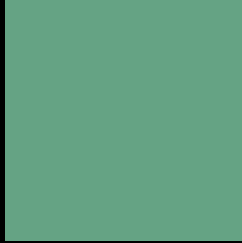
Large Text (above 18pt) WCAG AA × Fail

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 140.9280, -4.4015, -35.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

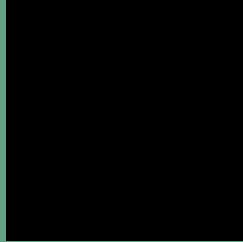
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.9280, -4.4015, -35.0169

Background



This preview shows how black text looks on a background with the YUV color 140.9280, -4.4015, -35.0169.



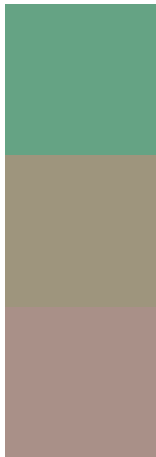
This preview shows how white text looks on a background with the YUV color 140.9280, -4.4015, -35.0169.

-35.0169.

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

140.9280, -4.4015, -35.0169

Protanopia

148.9550, -11.8098, 7.9325

Deuteranopia

150.5630, -7.1796, 16.1692



Tritanopia

145.0160, 12.3171, -30.7090

Trichromacy



Original Color

140.9280, -4.4015, -35.0169

Protanomaly

145.9530, -8.8508, -7.8518

Deuteranomaly

147.0830, -5.9569, -2.7038

Tritanomaly

143.6970, 6.0654, -32.1833

Monochromacy



Original Color

140.9280, -4.4015, -35.0169

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9280, -4.4015, -35.0169 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(101, 163, 132)` looks like.

```
.text, #text, p{  
    color:rgb(101, 163, 132)  
}
```

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(101, 163, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 163, 132) }
```

Border

The CSS property to change the border of an element to YUV 140.9280, -4.4015, -35.0169 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(101, 163, 132) }
```


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

```
.border{ border-color:rgb(101, 163, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 163, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 163, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 163, 132);  
box-shadow:4px 4px 4px 4px rgb(101, 163,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 140.9280, -4.4015, -35.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 163, 132) }
```

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

```
.background{ background-color: rgb(101,  
163, 132) }
```

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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