

Converting Colors

YUV(189.9640, -25.6183,
3.5396)

Have a look what the booklet for
YUV(189.9640, -25.6183, 3.5396)
contains.

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Color

**YUV(189.9640, -25.6183,
3.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C68A
RGB	194, 198, 138
RGB Percent	76%, 78%, 54%
CMY	0.2392, 0.2235, 0.4588
CMYK	0.02, 0.00, 0.30, 0.22
HSL	64°, 34%, 66%
HSV	64°, 30%, 78%
XYZ	47.0297, 53.6925, 31.9297
YIQ	189.9640, 16.8760, -19.5080

Conversions

Conversions Part 2

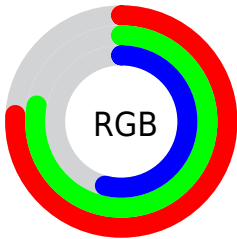
Format	Color
RYB	138, 198, 142
Decimal	12764810
CIELab	78.28, -10.92, 29.68
CIELCh	78, 31.625, 110.195
Yxy	53.6925, 0.3545, 0.4048
Android (android.graphics.Color)	4290954890 (0xFFC2C68A)
YUV	189.9640, -25.6183, 3.5396
Hunter-Lab	73.2752, -13.6661, 25.4569

Details

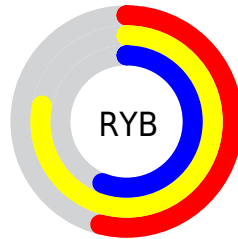
The YUV color $189.9640, -25.6183, 3.5396$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $146.0360, 25.6183, -3.5396$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6220, -26.9286, 3.8395$, and $136.3060, -24.3079, 3.2396$ is the 20% darker color. If you saturate the color by 10%, you get $187.3850, -34.2068, 4.9244$, and if you desaturate by 10%, it is $192.5430, -17.0297, 2.1548$.

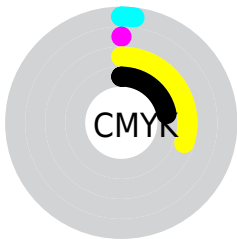
Distribution



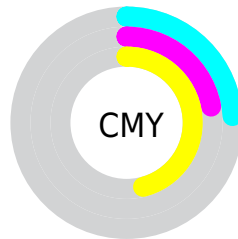
- Red (76%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9640, -25.6183, 3.5396 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 189.9640, -25.6183, 3.5396 by changing the saturation by 10% instead.

■ 189.9640,
-25.6183, 3.5396

■ 189.9640,
-25.6183, 3.5396

255.0000, 0.0000,
0.0000

■ 162.7790,
-25.0340, 2.8248

■ 246.6220,
-26.9286, 3.8395

■ 136.3060,
-24.3079, 3.2396

■ 251.0100,
-15.2879, 3.4992

■ 111.1210,
-23.7237, 2.5249

■ 254.3160, -2.6208,
0.5999

■ 86.0500, -22.7026,
1.7102

■ 62.1640, -22.2659,
1.6102

■ 40.7340, -20.0819,
1.1103

■ 21.5190, -10.6089,

-3.9632

■ 0.0000, 0.0000,
0.0000

■ 189.9640,
-25.6183, 3.5396

■ 189.9640,
-25.6183, 3.5396

■ 187.3850,
-34.2068, 4.9244

■ 192.5430,
-17.0297, 2.1548

■ 184.5070,
-42.6480, 5.6944

■ 195.4210, -8.5886,
1.3848

■ 182.0420,
-50.7997, 6.9792

■ 197.8860, -0.4368,
0.1000

■ 179.4630,
-59.3883, 8.3639

■ 200.4650, 8.1518,
-1.2848

■ 176.5850,
-67.8294, 9.1340

■ 203.3430, 16.5929,
-2.0548

■ 174.0060,
-76.4180, 10.5187

■ 205.6940, 24.3079,
-3.2396

■ 171.5410,
-84.5697, 11.8035

■ 205.9930, 24.1605,
-2.6249

■ 206.5910, 23.8656,
-1.3953

■ 206.8900, 23.7182,
-0.7805

Harmonies

Analogous

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



192.5370, -27.8727, 26.7161



189.9640, -25.6183, 3.5396



185.8450, -15.2066, -22.6661

Triad

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



189.9640, -25.6183, 3.5396



180.3460, 28.4234, -63.4474



198.4750, 3.2168, 41.6794

Complementary

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



189.9640, -25.6183, 3.5396



146.0360, 25.6183, -3.5396

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.



197.8990, 16.8118, 21.1366



189.9640, -25.6183, 3.5396



187.8850, 31.1157, -40.2411

Square

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



189.9640, -25.6183, 3.5396



178.6480, 16.9355, -65.4663



195.2310, 26.5081, -8.9726



197.1480, -10.9190, 48.9822

Rectangle

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



189.9640, -25.6183, 3.5396



183.0800, -4.9694, -39.5352



195.2310, 26.5081, -8.9726



197.9950, 7.8905, 35.9614

Sweetspot

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



189.9640, -25.6183, 3.5396



251.7800, -9.7515, 1.0699



158.2880, -10.0020, 34.8274



125.9910, -6.4046, 0.8849



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



189.9640, -25.6183, 3.5396



242.7180, -39.3010, 5.5093



180.9940, -21.1960, -14.9037



97.9740, -3.9312, 0.8998



141.1290, -69.5766, 9.5339



30.9990, -15.2825, 1.7549

Inverse Universe

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



146.0360, 25.6183, -3.5396



175.2820, 39.3010, -5.5093



155.0060, 21.1960, 14.9037



91.0260, 3.9312, -0.8998



21.8710, 69.5766, -9.5339



4.7020, 15.4299, -2.3697

Previews

White Background



This preview shows how the YUV color 189.9640, -25.6183, 3.5396 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 189.9640, -25.6183, 3.5396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

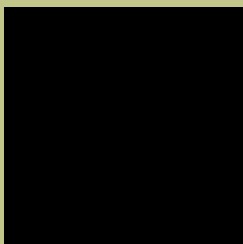
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

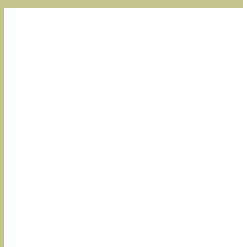
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.9640, -25.6183, 3.5396

Background



This preview shows how black text looks on a background with the YUV color 189.9640, -25.6183, 3.5396.



This preview shows how white text looks on a background with the YUV color 189.9640, -25.6183, 3.5396.

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

189.9640, -25.6183, 3.5396

Protanopia

191.2860, -27.2560, 15.5352

Deuteranopia

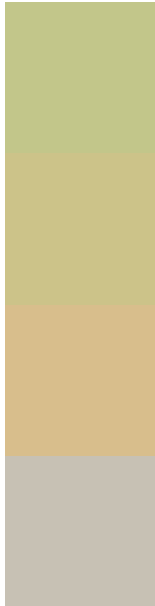
193.1400, -25.7050, 31.4492



Tritanopia

195.1840, 4.3463, 5.9776

Trichromacy



Original Color

189.9640, -25.6183, 3.5396

Protanomaly

191.0790, -26.6609, 11.3317

Deuteranomaly

192.0740, -25.6725, 20.9831

Tritanomaly

193.3120, -6.5628, 4.9884

Monochromacy



Original Color

189.9640, -25.6183, 3.5396

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9640, -25.6183, 3.5396 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(194, 198, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 138)  
}
```

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(194, 198, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 138) }
```

Border

The CSS property to change the border of an element to YUV 189.9640, -25.6183, 3.5396 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(194, 198, 138) }
```


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

```
.border{ border-color:rgb(194, 198, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 189.9640, -25.6183, 3.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 138) }
```

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

```
.background{ background-color: rgb(194,  
198, 138) }
```

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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