

Converting Colors

YUV(127.5980, 22.8762,
-57.5294)

Have a look what the booklet for
YUV(127.5980, 22.8762, -57.5294)
contains.

YUV(127.5980, 22.8762, -57.5294)	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(127.5980, 22.8762,
-57.5294)**

Conversions

Conversions Part 1

Format	Color
Hex	3E98AE
RGB	62, 152, 174
RGB Percent	24%, 60%, 68%
CMY	0.7569, 0.4039, 0.3176
CMYK	0.64, 0.13, 0.00, 0.32
HSL	192°, 47%, 46%
HSV	192°, 64%, 68%
XYZ	20.8548, 26.5366, 44.0673
YIQ	127.5980, -60.7020, -12.2380

Conversions

Conversions Part 2

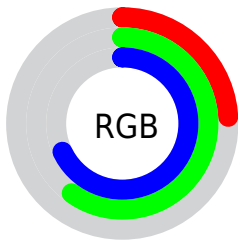
Format	Color
R _Y B	62, 112, 174
Decimal	4102318
CIE Lab	58.54, -19.73, -19.42
CIE LCh	59, 27.683, 224.538
Yxy	26.5366, 0.2280, 0.2901
Android (android.graphics.Color)	4282292398 (0xFF3E98AE)
YUV	127.5980, 22.8762, -57.5294
Hunter-Lab	51.5137, -17.8849, -14.6600

Details

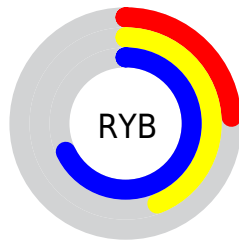
The YUV color **127.5980, 22.8762, -57.5294** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **108.4020, -22.8762, 57.5294**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3210, 23.0127, -54.6555**, and **73.1950, 24.0609, -64.1920** is the 20% darker color. If you saturate the color by 10%, you get **120.7540, 26.2503, -66.4363**, and if you desaturate by 10%, it is **134.4420, 19.5021, -48.6226**.

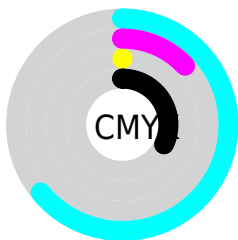
Distribution



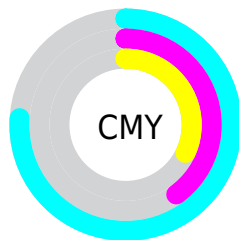
- Red (24%)
- Green (60%)
- Blue (68%)



- Red (24%)
- Yellow (44%)
- Blue (68%)



- Cyan (64%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (76%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5980, 22.8762, -57.5294 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 127.5980, 22.8762, -57.5294 by changing the saturation by 10% instead.

■ 127.5980, 22.8762,
-57.5294

■ 127.5980, 22.8762,
-57.5294

■ 255.0000, 0.0000,
0.0000

■ 97.8960, 24.2083,
-64.8068

■ 183.3210, 23.0127,
-54.6555

■ 73.1950, 24.0609,
-64.1920

■ 211.8650, 21.2656,
-54.2556

■ 56.2570, 20.0863,
-49.3374

■ 232.2760, 11.2029,
-46.7231

■ 40.0200, 16.2591,
-35.0975

■ 240.9470, 6.9281,
-28.8945

■ 25.0710, 12.2900,
-21.9873

■ 249.9170, 2.5059,
-10.4512

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 127.5980, 22.8762,
-57.5294

■ 127.5980, 22.8762,
-57.5294

■ 120.7540, 26.2503,
-66.4363

■ 134.4420, 19.5021,
-48.6226

■ 113.0240, 30.0612,
-75.4430

■ 142.1720, 15.6912,
-39.6158

■ 106.1800, 33.4353,
-84.3499

■ 149.0160, 12.3171,
-30.7090

■ 102.0160, 35.4881,
-89.4680

■ 156.7460, 8.5062,
-21.7022

■ 163.5900, 5.1321,
-12.7954

■ 171.0210, 1.4686,
-4.4034

■ 178.1640, -2.0529,
5.1182

■ 185.0080, -5.4269,
14.0250

■ 192.7380, -9.2378,
23.0318

Harmonies

Analogous

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



127.1610, 12.2456, -54.5152



127.5980, 22.8762, -57.5294



134.2180, 26.0215, -39.6562

Triad

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



127.5980, 22.8762, -57.5294



144.4630, 4.7017, 32.0429



138.1970, -22.2821, 6.8432

Complementary

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



127.5980, 22.8762, -57.5294



108.4020, -22.8762, 57.5294

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.



140.4920, -22.9206, 25.0015



127.5980, 22.8762, -57.5294



143.5320, -6.6713, 39.8754

Square

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



127.5980, 22.8762, -57.5294



143.8010, 15.3811, 13.3295



141.8770, -16.7014, 36.9419



134.8290, -14.2127, -14.7590

Rectangle

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



127.5980, 22.8762, -57.5294



138.9860, 24.6569, -21.9127



141.8770, -16.7014, 36.9419



138.7140, -23.0300, 13.4058

Sweetspot

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



127.5980, 22.8762, -57.5294



208.8600, 8.9430, -21.8022



130.1380, -23.2390, -59.7570



103.9920, 5.4269, -14.0250



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



127.5980, 22.8762, -57.5294



154.7170, 35.6355, -90.0828



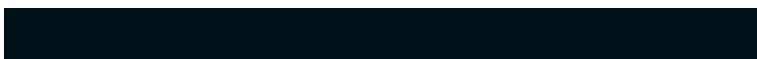
95.3130, 38.7927, -29.2155



83.1350, 1.9054, -4.5034



88.1270, 30.5034, -77.2874



13.1880, 4.8373, -11.5659

Inverse Universe

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



105.7480, 22.8022, 59.8570



120.3990, 35.7923, 93.4891



140.6870, -38.7927, 29.2155



81.4890, 1.7309, 4.8331



58.6440, 30.7415, 80.1192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 127.5980, 22.8762, -57.5294 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 127.5980, 22.8762, -57.5294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

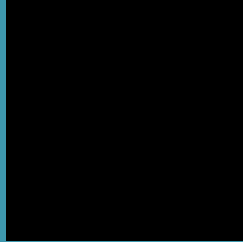
Any Text WCAG AA ✓ Pass

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 127.5980, 22.8762, -57.5294 Background



This preview shows how black text looks on a background with the YUV color 127.5980, 22.8762, -57.5294.



This preview shows how white text looks on a background with the YUV color 127.5980, 22.8762, -57.5294.

-57.5294.

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

127.5980, 22.8762, -57.5294

Protanopia

140.7680, 11.9464, -5.0585

Deuteranopia

140.6630, 17.9141, -5.8435



Tritanopia

126.0770, 19.6820, -59.7035

Trichromacy



Original Color

127.5980, 22.8762, -57.5294

Protanomaly

135.9720, 15.7898, -24.5314

Deuteranomaly

135.7100, 19.8630, -24.3017

Tritanomaly

126.7180, 20.8450, -59.3887

Monochromacy



Original Color

127.5980, 22.8762, -57.5294

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0450, 8.3588, -21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5980, 22.8762, -57.5294 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, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(62, 152, 174)  
}
```

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, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 152, 174) }
```

Border

The CSS property to change the border of an element to YUV 127.5980, 22.8762, -57.5294 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, 152, 174) }
```


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

```
.border{ border-color:rgb(62, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(62, 152,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 127.5980, 22.8762, -57.5294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 152, 174) }
```

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

```
.background{ background-color: rgb(62, 152,  
174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor