

Converting Colors

XYZ(30.6371, 39.4197, 17.4868)

Have a look what the booklet for
XYZ(30.6371, 39.4197, 17.4868)
contains.

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Color

**XYZ(30.7191, 39.5116,
17.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	95B362
RGB	149, 179, 98
RGB Percent	58%, 70%, 38%
CMY	0.4157, 0.2980, 0.6157
CMYK	0.17, 0.00, 0.45, 0.30
HSL	82°, 35%, 54%
HSV	82°, 45%, 70%
XYZ	30.7191, 39.5116, 17.5627
YIQ	160.7960, 8.1210, -31.5510

Conversions

Conversions Part 2

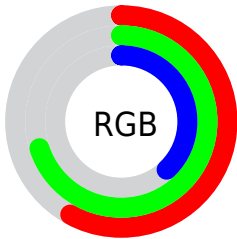
Format	Color
RYB	98, 179, 128
Decimal	9810786
CIELab	69.12, -23.77, 37.89
CIELCh	69, 44.726, 122.098
Yxy	39.5116, 0.3499, 0.4501
Android (android.graphics.Color)	4288000866 (0xFF95B362)
YUV	160.7960, -30.9584, -10.3451
Hunter-Lab	62.8583, -22.7682, 27.4351

Details

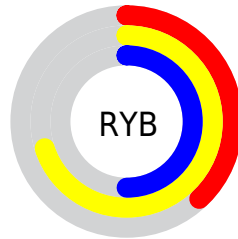
The XYZ color **30.7191, 39.5116, 17.5627** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **21.4081, 16.5803, 44.7221**, and the grayscale version is **33.9189, 35.6853, 38.8613**.

A 20% lighter version of the original color is **60.1152, 74.4560, 40.0572**, and **12.8391, 17.6303, 5.6320** is the 20% darker color. If you saturate the color by 10%, you get **28.7915, 38.6061, 13.5434**, and if you desaturate by 10%, it is **32.9066, 40.5317, 22.5824**.

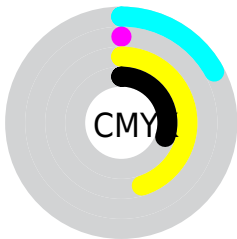
Distribution



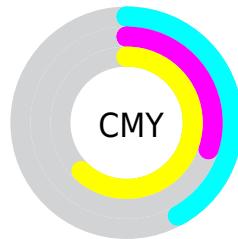
- Red (58%)
- Green (70%)
- Blue (38%)



- Red (38%)
- Yellow (70%)
- Blue (50%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7191, 39.5116, 17.5627 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 XYZ color 30.7191, 39.5116, 17.5627 by changing the saturation by 10% instead.

■ 30.7191, 39.5116,
17.5627

■ 30.7191, 39.5116,
17.5627

297.0922,
344.0607, 250.5473

■ 20.5358, 27.1580,
10.4703

■ 60.1764, 74.4192,
40.0946

■ 12.8957, 17.6919,
5.6022

■ 80.1811, 97.7420,
56.3711

■ 7.4332, 10.7290,
2.5399

■ 104.1904,
125.4899, 76.5462

■ 3.7832, 5.8849,
0.8612

■ 132.5696,
158.0474, 101.0382

■ 1.5802, 2.7752,
0.0000

165.6840,
195.7988, 130.2658

■ 0.3795, 1.0155,
0.0000

203.8990,

■ 0.0000, 0.0000,

239.1286, 164.6475

0.0000

247.5799,
288.4211, 204.6018

■ 30.7191, 39.5116,
17.5627

■ 30.7191, 39.5116,
17.5627

■ 28.7915, 38.6061,
13.5434

■ 32.9066, 40.5317,
22.5824

■ 27.1069, 37.8043,
10.4547

■ 35.3637, 41.6664,
28.6609

■ 25.6509, 37.1016,
8.2220

■ 38.1031, 42.9222,
35.8552

■ 24.4057, 36.4908,
6.7580

■ 41.1359, 44.3037,
44.2175

■ 23.3496, 35.9631,
5.9550

■ 44.4722, 45.8151,
53.7966

■ 22.8923, 35.7326,
5.6905

■ 48.1219, 47.4604,
64.6386

■ 52.0943, 49.2434,
76.7873

■ 56.3981, 51.1679,
90.2841

■ 60.3736, 52.9699,
101.6499

Harmonies

Analogous

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



37.0539, 39.5116, 14.4701



30.7191, 39.5116, 17.5627



26.6776, 39.5116, 27.1153

Triad

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



30.7191, 39.5116, 17.5627



31.4873, 39.5116, 87.9856



53.0195, 39.5116, 41.5971

Complementary

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



30.7191, 39.5116, 17.5627



21.4081, 16.5803, 44.7221

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.



51.0468, 39.5116, 64.1775



30.7191, 39.5116, 17.5627



38.0598, 39.5116, 95.5154

Square

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



30.7191, 39.5116, 17.5627



27.0800, 39.5116, 67.4899



45.3356, 39.5116, 85.6853



50.4322, 39.5116, 25.3225

Rectangle

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



30.7191, 39.5116, 17.5627



25.5273, 39.5116, 37.8376



45.3356, 39.5116, 85.6853



52.8671, 39.5116, 48.6583

Sweetspot

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



30.7201, 39.5133, 17.5635



68.7651, 77.1093, 65.6355



28.4766, 25.8271, 15.0401



14.9904, 16.9718, 13.8830



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.7201, 39.5133, 17.5635



51.6720, 69.1909, 24.4709



24.6081, 36.3625, 17.2775



8.8858, 9.7462, 9.0654



16.2495, 25.2870, 4.0244



0.5730, 0.8275, 0.1295

Inverse Universe

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



21.4081, 16.5803, 44.7221



32.9704, 23.0787, 79.0981



28.6969, 20.3379, 45.0632



8.3294, 8.3783, 10.6845



7.4186, 3.1602, 30.3560



0.2991, 0.1333, 0.9582

Previews

White Background



This preview shows how the XYZ color 30.7191, 39.5116, 17.5627 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 XYZ color 30.7191, 39.5116, 17.5627 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](#).

XYZ 30.7191, 39.5116, 17.5627

Background



This preview shows how black text looks on a background with the XYZ color 30.7191, 39.5116, 17.5627.



This preview shows how white text looks on a background with the XYZ color 30.7191, 39.5116,

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

30.7191, 39.5116, 17.5627

Protanopia

36.0306, 39.1277, 16.2431

Deuteranopia

40.0450, 39.2864, 18.0428



Tritanopia

37.2324, 39.2684, 50.4169

Trichromacy



Original Color

30.7191, 39.5116, 17.5627

Protanomaly

33.8313, 39.1019, 16.5908

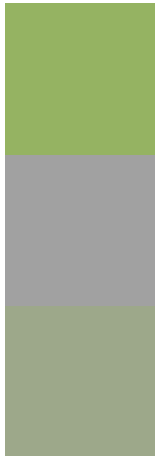
Deuteranomaly

36.1188, 39.1352, 17.9621

Tritanomaly

34.3214, 39.2221, 35.4674

Monochromacy



Original Color

30.7191, 39.5116, 17.5627

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.4947, 37.0083, 29.4754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7191, 39.5116, 17.5627 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(149, 179, 98)` looks like.

```
.text, #text, p{  
    color:rgb(149, 179, 98)  
}
```

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(149, 179, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 179, 98) }
```

Border

The CSS property to change the border of an element to XYZ 30.7191, 39.5116, 17.5627 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(149, 179, 98) }
```


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

```
.border{ border-color:rgb(149, 179, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 179, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 179, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 179, 98);  
box-shadow:4px 4px 4px 4px rgb(149, 179,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7191, 39.5116, 17.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 179, 98) }
```

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

```
.background{ background-color: rgb(149,  
179, 98) }
```

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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