

Converting Colors

XYZ(23.5276, 26.9515, 11.0779)

Have a look what the booklet for
XYZ(23.5276, 26.9515, 11.0779)
contains.

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Color

**XYZ(23.5332, 27.0039,
11.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	93914E
RGB	147, 145, 78
RGB Percent	58%, 57%, 31%
CMY	0.4235, 0.4314, 0.6941
CMYK	0.00, 0.01, 0.47, 0.42
HSL	58°, 31%, 44%
HSV	58°, 47%, 58%
XYZ	23.5332, 27.0039, 11.1797
YIQ	137.9600, 22.6990, -20.4130

Conversions

Conversions Part 2

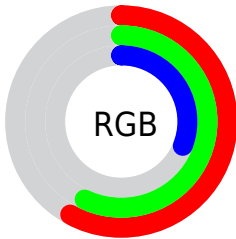
Format	Color
RYB	80, 147, 78
Decimal	9670990
CIELab	58.98, -9.21, 35.62
CIELCh	59, 36.792, 104.503
Yxy	27.0039, 0.3813, 0.4375
Android (android.graphics.Color)	4287861070 (0xFF93914E)
YUV	137.9600, -29.5603, 7.9281
Hunter-Lab	51.9653, -10.1030, 23.6202

Details

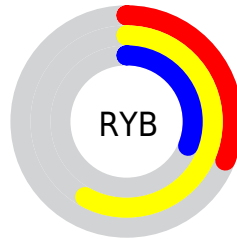
The XYZ color **23.5332, 27.0039, 11.1797** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.2770, 9.4634, 28.8360**, and the grayscale version is **24.2459, 25.5086, 27.7789**.

A 20% lighter version of the original color is **48.7430, 54.9884, 28.8137**, and **9.0459, 10.7111, 2.8190** is the 20% darker color. If you saturate the color by 10%, you get **22.9994, 26.6876, 8.6860**, and if you desaturate by 10%, it is **24.1864, 27.3703, 14.2951**.

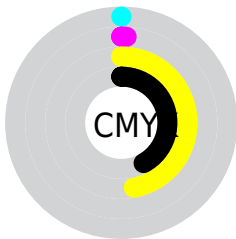
Distribution



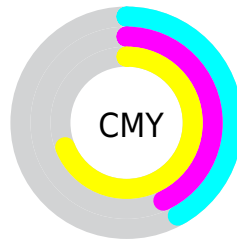
- Red (58%)
- Green (57%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (31%)



- Cyan (0%)
- Magenta (1%)
- Yellow (47%)
- Black (42%)



- Cyan (42%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5332, 27.0039, 11.1797 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 23.5332, 27.0039, 11.1797 by changing the saturation by 10% instead.

■ 23.5332, 27.0039,
11.1797

■ 23.5332, 27.0039,
11.1797

262.9364,
287.6760, 209.6778

■ 15.1106, 17.5762,
6.0721

■ 48.7276, 54.8901,
28.6337

■ 8.9838, 10.6461,
2.8195

■ 66.2301, 74.1174,
41.8172

■ 4.7877, 5.8294,
1.0032

■ 87.4899, 97.3800,
58.5298

■ 2.1567, 2.7416,
0.0000

■ 112.8724,
125.0622, 79.1900

■ 0.7198, 0.9984,
0.0000

■ 142.7430,
157.5485, 104.2164

■ 0.0000, 0.0000,
0.0000

177.4669,

195.2234, 134.0274

217.4096,
238.4710, 169.0417

■ 23.5332, 27.0039,
11.1797

■ 23.5332, 27.0039,
11.1797

■ 22.9994, 26.6876,
8.6860

■ 24.1864, 27.3703,
14.2951

■ 22.5752, 26.4145,
6.7706

■ 24.9642, 27.7860,
18.0686

■ 22.2521, 26.1822,
5.3868

■ 25.8739, 28.2549,
22.5356

■ 22.0199, 25.9867,
4.4805

■ 26.9217, 28.7793,
27.7286

■ 21.8614, 25.8211,
3.9610

■ 28.1134, 29.3618,
33.6781

■ 21.8172, 25.7722,
3.8246

■ 29.4545, 30.0043,
40.4127

■ 30.9500, 30.7090,
47.9596

■ 32.6049, 31.4779,
56.3448

■ 34.4240, 32.3129,
65.5930

Harmonies

Analogous

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



28.0805, 27.0039, 11.2390



23.5332, 27.0039, 11.1797



19.9993, 27.0039, 14.8861

Triad

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



23.5332, 27.0039, 11.1797



19.9083, 27.0039, 50.7436



35.0741, 27.0039, 36.6335

Complementary

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



23.5332, 27.0039, 11.1797



11.2770, 9.4634, 28.8360

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.



32.3141, 27.0039, 51.1883



23.5332, 27.0039, 11.1797



23.3947, 27.0039, 60.8361

Square

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



23.5332, 27.0039, 11.1797



18.0808, 27.0039, 36.1482



27.9248, 27.0039, 61.0195



35.1226, 27.0039, 23.5532

Rectangle

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



23.5332, 27.0039, 11.1797



18.5395, 27.0039, 19.8658



27.9248, 27.0039, 61.0195



34.4194, 27.0039, 41.5876

Sweetspot

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



23.5339, 27.0051, 11.1803



46.8092, 50.8395, 42.6932



16.2163, 12.2358, 9.1551



10.6045, 11.5646, 9.3457



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.5339, 27.0051, 11.1803



41.1705, 47.7825, 15.4714



18.8530, 25.0489, 11.0494



6.2512, 6.7162, 6.2073



18.9176, 22.3496, 3.3168



0.2352, 0.2808, 0.0418

Inverse Universe

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



11.2770, 9.4634, 28.8360



16.5295, 12.5210, 50.9802



14.4465, 10.8836, 28.9431



5.5121, 5.6583, 7.2714



4.6090, 1.9128, 24.0573



0.0591, 0.0288, 0.2953

Previews

White Background



This preview shows how the XYZ color 23.5332, 27.0039, 11.1797 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 XYZ color 23.5332, 27.0039, 11.1797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

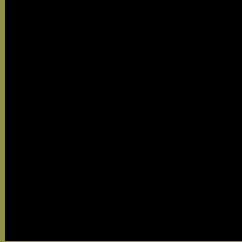
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5332, 27.0039, 11.1797

Background



This preview shows how black text looks on a background with the XYZ color 23.5332, 27.0039, 11.1797.



This preview shows how white text looks on a background with the XYZ color 23.5332, 27.0039,

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

23.5332, 27.0039, 11.1797

Protanopia

24.7229, 26.9497, 10.9200

Deuteranopia

27.3455, 26.7914, 11.3194



Tritanopia

27.6174, 26.8995, 31.7535

Trichromacy



Original Color

23.5332, 27.0039, 11.1797

Protanomaly

24.2989, 26.9530, 10.9429

Deuteranomaly

25.9537, 26.9223, 11.2257

Tritanomaly

25.7157, 26.7655, 22.5498

Monochromacy



Original Color

23.5332, 27.0039, 11.1797

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6618, 25.9734, 20.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5332, 27.0039, 11.1797 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(147, 145, 78)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 78)  
}
```

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(147, 145, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 78) }
```

Border

The CSS property to change the border of an element to XYZ 23.5332, 27.0039, 11.1797 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(147, 145, 78) }
```


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

```
.border{ border-color:rgb(147, 145, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 145, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 78);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5332, 27.0039, 11.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 78) }
```

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

```
.background{ background-color: rgb(147,  
145, 78) }
```

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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