

Converting Colors

XYZ(26.1437, 31.3574, 32.0603)

Have a look what the booklet for
XYZ(26.1437, 31.3574, 32.0603)
contains.

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Color

**XYZ(26.0439, 31.2316,
31.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9F92
RGB	125, 159, 146
RGB Percent	49%, 62%, 57%
CMY	0.5098, 0.3765, 0.4274
CMYK	0.21, 0.00, 0.08, 0.38
HSL	157°, 15%, 56%
HSV	157°, 21%, 62%
XYZ	26.0439, 31.2316, 31.8498
YIQ	147.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

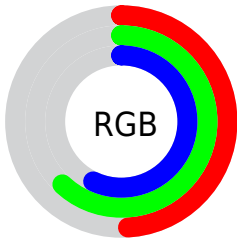
Format	Color
RYB	125, 146, 159
Decimal	8232850
CIELab	62.70, -14.48, 2.93
CIElCh	63, 14.772, 168.557
Yxy	31.2316, 0.2922, 0.3504
Android (android.graphics.Color)	4286422930 (0xFF7D9F92)
YUV	147.3520, -0.6665, -19.6027
Hunter-Lab	55.8852, -14.6138, 5.3294

Details

The XYZ color **26.0439, 31.2316, 31.8498** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.2202, 23.8739, 27.2722**, and the grayscale version is **27.8871, 29.3393, 31.9505**.

A 20% lighter version of the original color is **52.8320, 61.7282, 63.7738**, and **10.2707, 12.8558, 13.0064** is the 20% darker color. If you saturate the color by 10%, you get **23.4456, 29.9462, 29.3249**, and if you desaturate by 10%, it is **29.0407, 32.7212, 34.5260**.

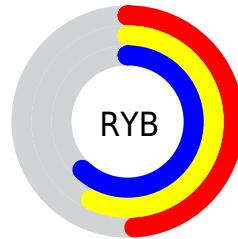
Distribution



Red (49%)

Green (62%)

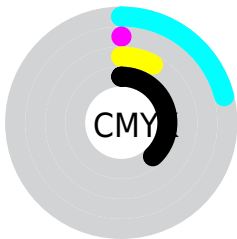
Blue (57%)



Red (49%)

Yellow (57%)

Blue (62%)

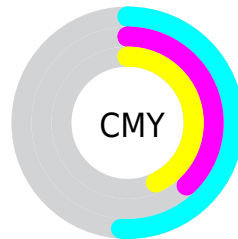


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0439, 31.2316, 31.8498 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 26.0439, 31.2316, 31.8498 by changing the saturation by 10% instead.

■ 26.0439, 31.2316,
31.8498

■ 26.0439, 31.2316,
31.8498

275.2503,
307.6039, 324.9061

■ 16.9893, 20.7753,
20.9829

■ 52.7766, 61.6045,
63.6707

■ 10.3221, 12.9598,
12.9204

■ 71.1854, 82.2899,
85.4619

■ 5.6770, 7.4009,
7.2437

■ 93.4430, 107.1537,
111.7315

■ 2.6885, 3.7141,
3.5342

119.9147,
136.5805, 142.8982

■ 0.9912, 1.5149,
1.3735

150.9659,
170.9544, 179.3804

■ 0.0000, 0.2992,
0.1209

186.9621,

■ 0.0000, 0.0000,

210.6601, 221.5968

0.0000

228.2684,
256.0818, 269.9658

■ 26.0439, 31.2316,
31.8498

■ 26.0439, 31.2316,
31.8498

■ 23.4456, 29.9462,
29.3249

■ 29.0407, 32.7212,
34.5260

■ 21.2253, 28.8519,
26.9464

■ 32.4502, 34.4199,
37.3541

■ 19.3641, 27.9400,
24.7120

■ 36.2893, 36.3369,
40.3376

■ 17.8410, 27.1995,
22.6185

■ 40.5728, 38.4800,
43.4791

■ 16.6322, 26.6184,
20.6627

■ 45.3150, 40.8566,
46.7810

■ 15.7109, 26.1829,
18.8410

■ 50.5296, 43.4735,
50.2458

■ 15.0455, 25.8766,
17.1498

■ 56.2296, 46.3375,
53.8759

■ 14.6129, 25.6831,
15.7924

■ 62.4275, 49.4550,
57.6737

■ 64.1488, 50.2615,
61.4080

Harmonies

Analogous

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



26.8717, 31.2316, 27.1722



26.0439, 31.2316, 31.8498



26.1582, 31.2316, 37.6641

Triad

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



26.0439, 31.2316, 31.8498



30.9360, 31.2316, 45.6581



32.3260, 31.2316, 26.3418

Complementary

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



26.0439, 31.2316, 31.8498



26.2202, 23.8739, 27.2722

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.



33.5147, 31.2316, 30.5926



26.0439, 31.2316, 31.8498



32.6874, 31.2316, 41.8989

Square

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



26.0439, 31.2316, 31.8498



28.9220, 31.2316, 46.0935



33.6499, 31.2316, 36.2572



30.4607, 31.2316, 24.2411

Rectangle

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



26.0439, 31.2316, 31.8498



26.7544, 31.2316, 41.4082



33.6499, 31.2316, 36.2572



32.8215, 31.2316, 27.5429

Sweetspot

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



26.0448, 31.2329, 31.8505



55.1307, 60.1533, 64.4649



26.5876, 31.6845, 24.1169



12.3463, 13.5202, 14.4648



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.0448, 31.2329, 31.8505



44.1764, 54.7111, 54.6943



26.4434, 30.3182, 37.2608



6.7142, 7.4664, 7.9297



11.5620, 20.2927, 12.5823



0.2269, 0.3709, 0.3310

Inverse Universe

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



26.2202, 23.8739, 27.2722



44.5527, 38.9650, 44.9024



25.8466, 24.5441, 22.7777



6.7328, 6.6860, 7.4439



11.9733, 6.0939, 4.1102



0.2340, 0.1169, 0.1782

Previews

White Background



This preview shows how the XYZ color 26.0439, 31.2316, 31.8498 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 26.0439, 31.2316, 31.8498 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

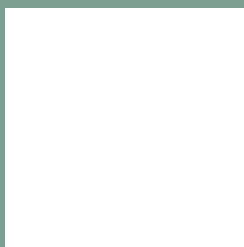
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0439, 31.2316, 31.8498

Background



This preview shows how black text looks on a background with the XYZ color 26.0439, 31.2316, 31.8498.



This preview shows how white text looks on a background with the XYZ color 26.0439, 31.2316,

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

26.0439, 31.2316, 31.8498

Protanopia

29.5846, 31.1242, 29.6476

Deuteranopia

31.6400, 30.9432, 32.7388



Tritanopia

28.0096, 31.2712, 41.6055

Trichromacy



Original Color

26.0439, 31.2316, 31.8498

Protanomaly

28.1906, 31.1141, 30.5064

Deuteranomaly

29.3608, 30.9467, 32.4428

Tritanomaly

27.3042, 31.2412, 37.8488

Monochromacy



Original Color

26.0439, 31.2316, 31.8498

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9805, 29.7288, 31.9200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0439, 31.2316, 31.8498 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(125, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 146)  
}
```

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(125, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 146) }
```

Border

The CSS property to change the border of an element to XYZ 26.0439, 31.2316, 31.8498 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(125, 159, 146) }
```


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

```
.border{ border-color:rgb(125, 159, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 159, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0439, 31.2316, 31.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 146) }
```

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

```
.background{ background-color: rgb(125,  
159, 146) }
```

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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