

Converting Colors

XYZ(25.6392, 31.3252, 28.8863)

Have a look what the booklet for
XYZ(25.6392, 31.3252, 28.8863)
contains.

XYZ(25.6157, 31.3366, 28.7432)	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

**XYZ(25.6157, 31.3366,
28.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA08A
RGB	125, 160, 138
RGB Percent	49%, 63%, 54%
CMY	0.5098, 0.3725, 0.4588
CMYK	0.22, 0.00, 0.14, 0.37
HSL	142°, 16%, 56%
HSV	142°, 22%, 63%
XYZ	25.6157, 31.3366, 28.7432
YIQ	147.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

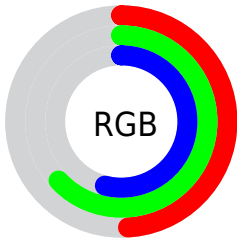
Format	Color
RYB	125, 151, 160
Decimal	8233098
CIELab	62.79, -16.65, 7.55
CIELCh	63, 18.279, 155.612
Yxy	31.3366, 0.2989, 0.3657
Android (android.graphics.Color)	4286423178 (0xFF7DA08A)
YUV	147.0270, -4.4503, -19.3177
Hunter-Lab	55.9791, -16.2829, 8.7421

Details

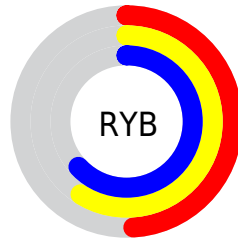
The XYZ color **25.6157, 31.3366, 28.7432** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0984, 24.2481, 30.8573**, and the grayscale version is **27.7669, 29.2130, 31.8129**.

A 20% lighter version of the original color is **52.0645, 61.8274, 58.4800**, and **10.0257, 12.9256, 11.1990** is the 20% darker color. If you saturate the color by 10%, you get **22.7707, 29.9511, 24.9836**, and if you desaturate by 10%, it is **28.9061, 32.9457, 32.8771**.

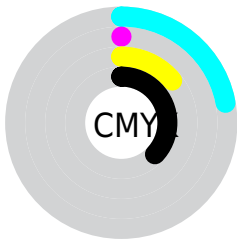
Distribution



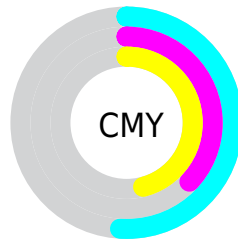
- Red (49%)
- Green (63%)
- Blue (54%)



- Red (49%)
- Yellow (59%)
- Blue (63%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (51%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6157, 31.3366, 28.7432 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 25.6157, 31.3366, 28.7432 by changing the saturation by 10% instead.

■ 25.6157, 31.3366,
28.7432

■ 25.6157, 31.3366,
28.7432

273.1819,
308.0860, 310.0243

■ 16.6675, 20.8553,
18.6427

■ 52.0901, 61.7696,
58.7061

■ 10.0916, 13.0183,
11.2382

■ 70.3470, 82.4901,
79.4057

■ 5.5224, 7.4411,
6.1111

■ 92.4375, 107.3925,
104.4754

■ 2.5948, 3.7395,
2.8429

118.7270,
136.8611, 134.3337

■ 0.9433, 1.5289,
1.0150

149.5808,
171.2804, 169.3992

■ 0.0000, 0.3090,
0.0000

185.3643,

■ 0.0000, 0.0000,

211.0347, 210.0904

0.0000

226.4429,
256.5085, 256.8260

■ 25.6157, 31.3366,
28.7432

■ 25.6157, 31.3366,
28.7432

■ 22.7707, 29.9511,
24.9836

■ 28.9061, 32.9457,
32.8771

■ 20.3489, 28.7753,
21.5857

■ 32.6580, 34.7838,
37.3931

■ 18.3296, 27.7997,
18.5392

■ 36.8896, 36.8610,
42.3016

■ 16.6896, 27.0124,
15.8328

■ 41.6175, 39.1857,
47.6119

■ 15.4031, 26.4005,
13.4542

■ 46.8574, 41.7657,
53.3329

■ 14.4409, 25.9492,
11.3906

■ 52.6244, 44.6088,
59.4733

■ 13.7685, 25.6409,
9.6281

■ 58.9328, 47.7220,
66.0415

■ 13.3719, 25.4631,
8.4060

■ 65.7965, 51.1125,
73.0457

■ 67.8874, 52.0333,
80.2438

Harmonies

Analogous

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



27.0711, 31.3366, 24.1032



25.6157, 31.3366, 28.7432



25.2502, 31.3366, 35.4848

Triad

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



25.6157, 31.3366, 28.7432



30.2572, 31.3366, 49.7446



33.8678, 31.3366, 26.7123

Complementary

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



25.6157, 31.3366, 28.7432



27.0984, 24.2481, 30.8573

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.



34.8315, 31.3366, 32.7911



25.6157, 31.3366, 28.7432



32.6735, 31.3366, 46.5870

Square

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



25.6157, 31.3366, 28.7432



27.8425, 31.3366, 48.2642



34.3827, 31.3366, 40.1292



31.8147, 31.3366, 23.0507

Rectangle

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



25.6157, 31.3366, 28.7432



25.6550, 31.3366, 40.4268



34.3827, 31.3366, 40.1292



34.3350, 31.3366, 28.5062

Sweetspot

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



25.6166, 31.3379, 28.7439



55.6057, 61.3461, 63.4921



28.3362, 32.8423, 24.2481



12.1155, 13.4151, 13.8286



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.



25.6166, 31.3379, 28.7439



44.0222, 55.6845, 48.9472



26.9737, 31.8808, 35.8907



6.6475, 7.4398, 7.5785



10.4359, 19.8423, 6.6525



0.2062, 0.3626, 0.2223

Inverse Universe

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



27.0984, 24.2481, 30.8573



47.1753, 40.5943, 53.4409



25.8387, 23.7443, 24.2237



6.7996, 6.7127, 7.7956



13.1285, 6.5560, 10.1936



0.2546, 0.1252, 0.2869

Previews

White Background



This preview shows how the XYZ color 25.6157, 31.3366, 28.7432 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 25.6157, 31.3366, 28.7432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

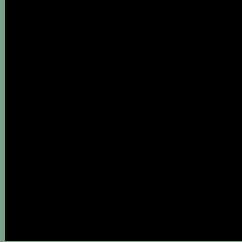
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6157, 31.3366, 28.7432

Background



This preview shows how black text looks on a background with the XYZ color 25.6157, 31.3366, 28.7432.



This preview shows how white text looks on a background with the XYZ color 25.6157, 31.3366,

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

25.6157, 31.3366, 28.7432

Protanopia

29.4008, 31.0958, 26.6428

Deuteranopia

31.6642, 31.0269, 29.5192



Tritanopia

28.3164, 31.4294, 41.6198

Trichromacy



Original Color

25.6157, 31.3366, 28.7432

Protanomaly

27.7828, 30.9715, 27.4354

Deuteranomaly

29.1267, 30.8967, 29.2395

Tritanomaly

27.1960, 31.2154, 36.4901

Monochromacy



Original Color

25.6157, 31.3366, 28.7432

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9097, 29.9591, 30.7499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6157, 31.3366, 28.7432 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, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 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(125, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.6157, 31.3366, 28.7432 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, 160, 138) }
```


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

```
.border{ border-color:rgb(125, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6157, 31.3366, 28.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 138) }
```

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

```
.background{ background-color: rgb(125,  
160, 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](#).

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