

Converting Colors

XYZ(25.3322, 31.7888, 37.1485)

Have a look what the booklet for
XYZ(25.3322, 31.7888, 37.1485)
contains.

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Color

**XYZ(25.3322, 31.7888,
37.1485)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA39E
RGB	107, 163, 158
RGB Percent	42%, 64%, 62%
CMY	0.5804, 0.3608, 0.3804
CMYK	0.34, 0.00, 0.03, 0.36
HSL	175°, 23%, 53%
HSV	175°, 34%, 64%
XYZ	25.3322, 31.7888, 37.1485
YIQ	145.6860, -31.7710, -13.4270

Conversions

Conversions Part 2

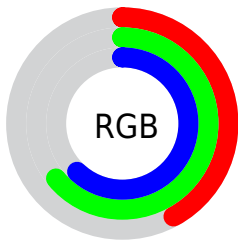
Format	Color
RYB	107, 136, 163
Decimal	7054238
CIELab	63.17, -19.47, -3.26
CIElCh	63, 19.739, 189.492
Yxy	31.7888, 0.2687, 0.3372
Android (android.graphics.Color)	4285244318 (0xFF6BA39E)
YUV	145.6860, 6.0708, -33.9276
Hunter-Lab	56.3816, -18.4678, 0.4023

Details

The XYZ color **25.3322, 31.7888, 37.1485** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2877, 19.4728, 17.8618**, and the grayscale version is **27.1792, 28.5946, 31.1395**.

A 20% lighter version of the original color is **51.5788, 62.4205, 72.2807**, and **9.9692, 13.2712, 15.9461** is the 20% darker color. If you saturate the color by 10%, you get **23.4299, 30.8233, 36.4098**, and if you desaturate by 10%, it is **27.6073, 32.9479, 37.9138**.

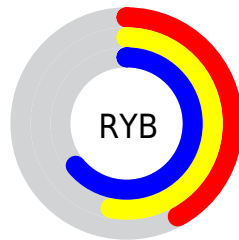
Distribution



Red (42%)

Green (64%)

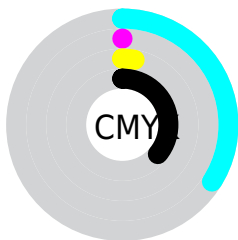
Blue (62%)



Red (42%)

Yellow (53%)

Blue (64%)

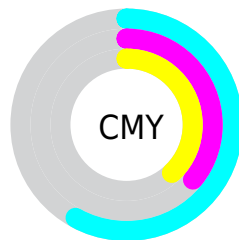


Cyan (34%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3322, 31.7888, 37.1485 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 25.3322, 31.7888, 37.1485 by changing the saturation by 10% instead.

■ 25.3322, 31.7888,
37.1485

■ 25.3322, 31.7888,
37.1485

271.8055,
310.1560, 349.1410

■ 16.4548, 21.2002,
25.0258

■ 51.6347, 62.4798,
71.9900

■ 9.9394, 13.2704,
15.8771

■ 69.7904, 83.3511,
95.5459

■ 5.4208, 7.6150,
9.2838

■ 91.7696, 108.4187,
123.7499

■ 2.5335, 3.8496,
4.8274

■ 117.9377,
138.0671, 157.0206

■ 0.9122, 1.5898,
2.0894

148.6600,
172.6806, 195.7765

■ 0.0000, 0.3507,
0.6094

184.3018,

■ 0.0000, 0.0000,

212.6437, 240.4362

0.0000

225.2285,
258.3407, 291.4182

■ 25.3322, 31.7888,
37.1485

■ 25.3322, 31.7888,
37.1485

■ 23.4299, 30.8233,
36.4098

■ 27.6073, 32.9479,
37.9138

■ 21.8767, 30.0369,
35.6945

■ 30.2716, 34.3066,
38.7044

■ 20.6508, 29.4189,
35.0021

■ 33.3438, 35.8755,
39.5219

■ 19.7265, 28.9563,
34.3316

■ 36.8408, 37.6632,
40.3670

■ 19.0744, 28.6339,
33.6815

■ 40.7783, 39.6778,
41.2407

■ 18.6590, 28.4332,
33.0500

■ 45.1714, 41.9271,
42.1436

■ 18.4783, 28.3477,
32.6994

■ 50.0343, 44.4184,
43.0763

■ 55.3807, 47.1588,
44.0396

■ 61.2237, 50.1550,
45.0341

Harmonies

Analogous

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



25.5645, 31.7888, 29.6138



25.3322, 31.7888, 37.1485



26.3459, 31.7888, 45.0679

Triad

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



25.3322, 31.7888, 37.1485



33.6731, 31.7888, 47.5424



32.0887, 31.7888, 22.3668

Complementary

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



25.3322, 31.7888, 37.1485



23.2877, 19.4728, 17.8618

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.



34.4440, 31.7888, 25.9139



25.3322, 31.7888, 37.1485



35.3962, 31.7888, 40.1445

Square

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



25.3322, 31.7888, 37.1485



31.0873, 31.7888, 51.6365



35.6865, 31.7888, 32.1948



29.3578, 31.7888, 21.8138

Rectangle

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



25.3322, 31.7888, 37.1485



27.6299, 31.7888, 49.2291



35.6865, 31.7888, 32.1948



32.9551, 31.7888, 23.2200

Sweetspot

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



25.3331, 31.7901, 37.1492



56.4156, 62.5630, 69.9183



22.5108, 30.7415, 18.6579



12.5087, 13.9687, 15.6596



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.3331, 31.7901, 37.1492



42.7821, 55.6174, 65.5440



22.1413, 24.7033, 38.2530



7.2487, 8.0003, 8.9214



14.3691, 22.0340, 25.4577



0.3093, 0.4659, 0.5739

Inverse Universe

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



23.2877, 19.4728, 17.8618



38.5759, 30.2634, 25.8626



25.6623, 24.6553, 17.3171



7.0983, 7.0958, 7.5039



11.8114, 6.0806, 0.9313



0.2554, 0.1307, 0.0575

Previews

White Background



This preview shows how the XYZ color 25.3322, 31.7888, 37.1485 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 25.3322, 31.7888, 37.1485 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

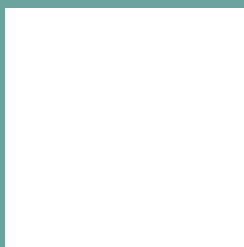
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3322, 31.7888, 37.1485

Background



This preview shows how black text looks on a background with the XYZ color 25.3322, 31.7888, 37.1485.

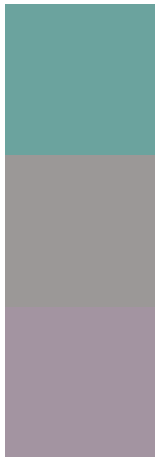


This preview shows how white text looks on a background with the XYZ color 25.3322, 31.7888,

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

25.3322, 31.7888, 37.1485

Protanopia

30.3317, 31.6594, 33.7904

Deuteranopia

32.1272, 31.5395, 38.1127



Tritanopia

26.9404, 31.9252, 44.7867

Trichromacy



Original Color

25.3322, 31.7888, 37.1485

Protanomaly

28.2024, 31.5133, 35.1681

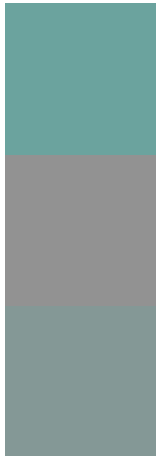
Deuteranomaly

29.0641, 31.1602, 37.7404

Tritanomaly

26.4186, 31.9828, 41.8267

Monochromacy



Original Color

25.3322, 31.7888, 37.1485

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.2490, 29.5640, 33.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3322, 31.7888, 37.1485 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(107, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(107, 163, 158)  
}
```

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(107, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 163, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.3322, 31.7888, 37.1485 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(107, 163, 158) }
```


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

```
.border{ border-color:rgb(107, 163, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(107, 163,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3322, 31.7888, 37.1485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 163, 158) }
```

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

```
.background{ background-color: rgb(107,  
163, 158) }
```

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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