

Converting Colors

XYZ(25.7174, 33.4281, 39.0712)

Have a look what the booklet for
XYZ(25.7174, 33.4281, 39.0712)
contains.

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Color

**XYZ(25.6698, 33.2665,
39.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	63A8A2
RGB	99, 168, 162
RGB Percent	39%, 66%, 64%
CMY	0.6118, 0.3412, 0.3647
CMYK	0.41, 0.00, 0.04, 0.34
HSL	175°, 28%, 52%
HSV	175°, 41%, 66%
XYZ	25.6698, 33.2665, 39.2506
YIQ	146.6850, -39.1980, -16.4940

Conversions

Conversions Part 2

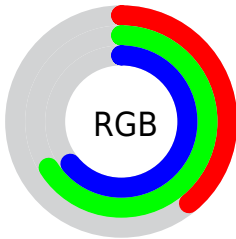
Format	Color
RYB	99, 135, 168
Decimal	6531234
CIELab	64.38, -23.25, -3.76
CIELCh	64, 23.556, 189.185
Yxy	33.2665, 0.2614, 0.3388
Android (android.graphics.Color)	4284721314 (0xFF63A8A2)
YUV	146.6850, 7.5503, -41.8197
Hunter-Lab	57.6771, -21.4917, 0.0258

Details

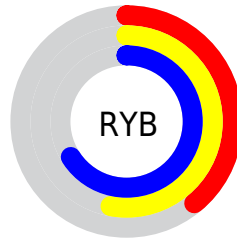
The XYZ color **25.6698, 33.2665, 39.2506** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1612, 18.2694, 15.6714**, and the grayscale version is **27.5853, 29.0219, 31.6049**.

A 20% lighter version of the original color is **52.0489, 64.5574, 75.3632**, and **10.1421, 14.1745, 16.9533** is the 20% darker color. If you saturate the color by 10%, you get **23.8930, 32.3663, 38.4940**, and if you desaturate by 10%, it is **27.8319, 34.3668, 40.0346**.

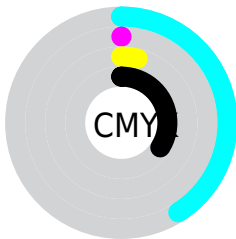
Distribution



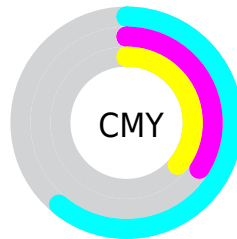
- Red (39%)
- Green (66%)
- Blue (64%)



- Red (39%)
- Yellow (53%)
- Blue (66%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (61%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6698, 33.2665, 39.2506 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 25.6698, 33.2665, 39.2506 by changing the saturation by 10% instead.

■ 25.6698, 33.2665,
39.2506

■ 25.6698, 33.2665,
39.2506

273.4439,
316.8489, 358.4125

■ 16.7082, 22.3307,
26.6454

■ 52.1769, 64.7914,
75.2455

■ 10.1206, 14.1001,
17.0770

■ 70.4530, 86.1492,
99.4724

■ 5.5419, 8.1903,
10.1269

■ 92.5647, 111.7499,
128.4102

■ 2.6066, 4.2170,
5.3765

■ 118.8773,
141.9777, 162.4775

■ 0.9493, 1.7957,
2.4072

149.7562,
177.2171, 202.0928

■ 0.0000, 0.4845,
0.7904

185.5667,

■ 0.0000, 0.0000,

217.8525, 247.6747

0.0000

226.6741,
264.2683, 299.6418

■ 25.6698, 33.2665,
39.2506

■ 25.6698, 33.2665,
39.2506

■ 23.8930, 32.3663,
38.4940

■ 27.8319, 34.3668,
40.0346

■ 22.4747, 31.6499,
37.7612

■ 30.3981, 35.6745,
40.8447

■ 21.3893, 31.1049,
37.0519


■ 33.3897, 37.2013,
41.6826


■ 20.6067, 30.7158,
36.3646


■ 36.8254, 38.9568,
42.5493


■ 20.0910, 30.4642,
35.6975


■ 40.7230, 40.9503,
43.4456

 19.7852, 30.3191,
35.1156

 45.0991, 43.1903,
44.3723

 49.9696, 45.6850,
45.3302

 55.3498, 48.4422,
46.3199

 61.2541, 51.4694,
47.3423

Harmonies

Analogous

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



25.9653, 33.2665, 30.0464



25.6698, 33.2665, 39.2506



26.8786, 33.2665, 49.1901

Triad

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



25.6698, 33.2665, 39.2506



35.8713, 33.2665, 52.5077



33.9665, 33.2665, 21.5542

Complementary

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



25.6698, 33.2665, 39.2506



23.1612, 18.2694, 15.6714

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.



36.8860, 33.2665, 25.7597



25.6698, 33.2665, 39.2506



38.0386, 33.2665, 43.1897

Square

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



25.6698, 33.2665, 39.2506



32.6595, 33.2665, 57.6864



38.4225, 33.2665, 33.3525



30.6005, 33.2665, 20.8761

Rectangle

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



25.6698, 33.2665, 39.2506



28.4287, 33.2665, 54.5132



38.4225, 33.2665, 33.3525



35.0391, 33.2665, 22.5614

Sweetspot

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



25.6708, 33.2678, 39.2514



59.9239, 67.1654, 75.4591



22.1878, 31.9655, 16.8056



12.9086, 14.5614, 16.4056



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.6708, 33.2678, 39.2514



43.6991, 58.9050, 70.0090



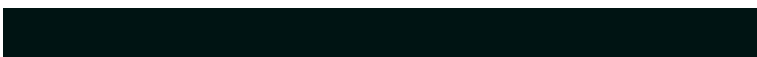
21.6511, 24.3542, 40.6069



7.7190, 8.5206, 9.5063



14.9499, 22.8987, 26.5668



0.3716, 0.5603, 0.6880

Inverse Universe

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



23.1612, 18.2694, 15.6714



38.5435, 28.0455, 21.5320



25.9395, 24.3024, 15.1288



7.5566, 7.5525, 7.9824



12.2664, 6.3153, 0.9487



0.3064, 0.1568, 0.0651

Previews

White Background



This preview shows how the XYZ color 25.6698, 33.2665, 39.2506 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 25.6698, 33.2665, 39.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

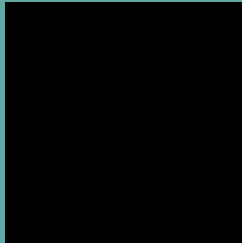
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6698, 33.2665, 39.2506

Background



This preview shows how black text looks on a background with the XYZ color 25.6698, 33.2665, 39.2506.



This preview shows how white text looks on a background with the XYZ color 25.6698, 33.2665,

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

25.6698, 33.2665, 39.2506

Protanopia

31.6546, 33.0449, 35.2818

Deuteranopia

33.6754, 32.9934, 40.6699



Tritanopia

27.3007, 33.1080, 47.5994

Trichromacy



Original Color

25.6698, 33.2665, 39.2506

Protanomaly

28.9731, 32.8943, 36.7205

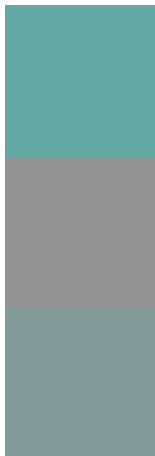
Deuteranomaly

30.0038, 32.5813, 40.3048

Tritanomaly

26.6585, 33.1143, 44.5218

Monochromacy



Original Color

25.6698, 33.2665, 39.2506

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5948, 30.4555, 34.1826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6698, 33.2665, 39.2506 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(99, 168, 162) looks like.

```
.text, #text, p{  
    color:rgb(99, 168, 162)  
}
```

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(99, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.6698, 33.2665, 39.2506 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(99, 168, 162) }
```


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

```
.border{ border-color:rgb(99, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(99, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6698, 33.2665, 39.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 168, 162) }
```

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

```
.background{ background-color: rgb(99, 168,  
162) }
```

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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