

Converting Colors

XYZ(25.6668, 31.8693, 41.3583)

Have a look what the booklet for
XYZ(25.6668, 31.8693, 41.3583)
contains.

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Color

**XYZ(25.6658, 31.8680,
41.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	67A3A7
RGB	103, 163, 167
RGB Percent	40%, 64%, 65%
CMY	0.5961, 0.3608, 0.3451
CMYK	0.38, 0.02, 0.00, 0.35
HSL	184°, 27%, 53%
HSV	184°, 38%, 65%
XYZ	25.6658, 31.8680, 41.3576
YIQ	145.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

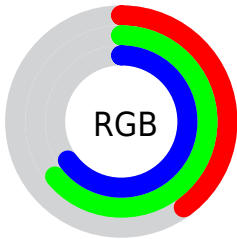
Format	Color
RYB	103, 134, 167
Decimal	6792103
CIELab	63.23, -18.35, -8.23
CIELCh	63, 20.108, 204.167
Yxy	31.8680, 0.2595, 0.3223
Android (android.graphics.Color)	4284982183 (0xFF67A3A7)
YUV	145.5160, 10.5916, -37.2865
Hunter-Lab	56.4517, -17.6355, -3.9207

Details

The XYZ color **25.6658, 31.8680, 41.3576** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6427, 19.7106, 15.3912**, and the grayscale version is **27.0935, 28.5045, 31.0414**.

A 20% lighter version of the original color is **52.1608, 62.5848, 78.4382**, and **10.0943, 13.2848, 18.2518** is the 20% darker color. If you saturate the color by 10%, you get **23.7541, 30.6094, 41.2160**, and if you desaturate by 10%, it is **27.9635, 33.3294, 41.5191**.

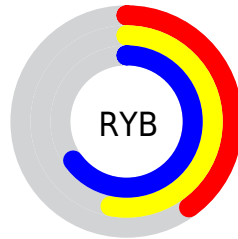
Distribution



Red (40%)

Green (64%)

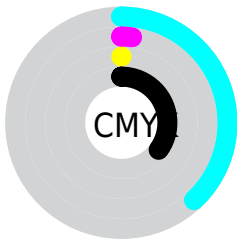
Blue (65%)



Red (40%)

Yellow (53%)

Blue (65%)

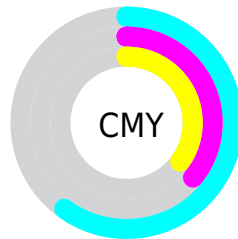


Cyan (38%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6658, 31.8680, 41.3576 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 25.6658, 31.8680, 41.3576 by changing the saturation by 10% instead.

■ 25.6658, 31.8680,
41.3576

■ 25.6658, 31.8680,
41.3576

273.4245,
310.5175, 367.5338

■ 16.7052, 21.2607,
28.2768

■ 52.1705, 62.6041,
78.4860

■ 10.1185, 13.3147,
18.2936

■ 70.4452, 83.5017,
103.3707

■ 5.5405, 7.6456,
10.9893

■ 92.5553, 108.5981,
133.0271

■ 2.6057, 3.8690,
5.9456

■ 118.8662,
138.2779, 167.8738

■ 0.9489, 1.6006,
2.7438

149.7432,
172.9253, 208.3292

■ 0.0000, 0.3580,
0.9653

185.5517,

■ 0.0000, 0.0000,

212.9248, 254.8120

0.0000

226.6570,
258.6607, 307.7407

■ 25.6658, 31.8680,
41.3576

■ 25.6658, 31.8680,
41.3576

■ 23.7541, 30.6094,
41.2160

■ 27.9635, 33.3294,
41.5191

■ 22.2026, 29.5380,
41.0909

■ 30.6654, 35.0007,
41.6993

■ 20.9871, 28.6419,
40.9821

■ 33.7919, 36.8932,
41.8998

■ 20.0787, 27.9066,
40.8880

■ 37.3613, 39.0163,
42.1215

■ 19.4441, 27.3146,
40.8072

■ 41.3906, 41.3787,
42.3651

■ 19.0238, 26.8353,
40.7368

■ 45.8962, 43.9890,
42.6315

■ 18.9592, 26.7581,
40.7253

■ 50.8934, 46.8550,
42.9213

■ 56.3971, 49.9845,
43.2353

■ 62.4213, 53.3846,
43.5740

Harmonies

Analogous

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



25.2727, 31.8680, 33.1649



25.6658, 31.8680, 41.3576



27.2642, 31.8680, 48.6628

Triad

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



25.6658, 31.8680, 41.3576



34.8375, 31.8680, 44.4642



30.8365, 31.8680, 21.5787

Complementary

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



25.6658, 31.8680, 41.3576



23.6427, 19.7106, 15.3912

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.



33.5309, 31.8680, 23.6998



25.6658, 31.8680, 41.3576



35.9300, 31.8680, 36.2794

Square

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



25.6658, 31.8680, 41.3576



32.5332, 31.8680, 50.6399



35.4378, 31.8680, 28.7961



28.1516, 31.8680, 22.5125

Rectangle

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



25.6658, 31.8680, 41.3576



28.8532, 31.8680, 51.6263



35.4378, 31.8680, 28.7961



31.7728, 31.8680, 21.9465

Sweetspot

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



25.6668, 31.8693, 41.3583



58.8275, 65.0557, 74.9318



22.0249, 31.5664, 18.6232



12.9990, 14.4583, 16.7578



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.



25.6668, 31.8693, 41.3583



43.0095, 55.1328, 73.8501



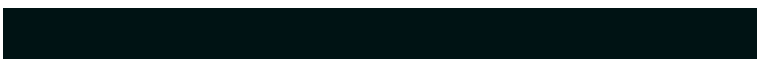
20.7935, 22.1227, 39.7339



7.7068, 8.4506, 9.6433



14.5209, 20.5020, 31.1674



0.3649, 0.5219, 0.7622

Inverse Universe

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



27.3983, 20.5612, 37.1764



46.6055, 32.1257, 65.0583



27.5024, 27.4299, 16.6778



7.8214, 7.6584, 9.3765



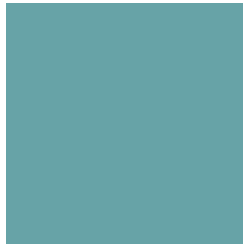
16.8301, 8.1407, 24.9805



0.4153, 0.2004, 0.6385

Previews

White Background



This preview shows how the XYZ color 25.6658, 31.8680, 41.3576 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 25.6658, 31.8680, 41.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

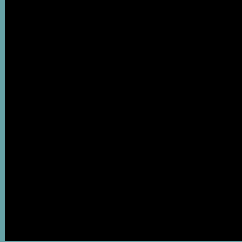
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6658, 31.8680, 41.3576

Background



This preview shows how black text looks on a background with the XYZ color 25.6658, 31.8680, 41.3576.

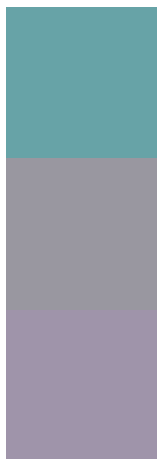


This preview shows how white text looks on a background with the XYZ color 25.6658, 31.8680,

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

25.6658, 31.8680, 41.3576

Protanopia

30.5486, 31.4436, 37.7168

Deuteranopia

32.1437, 31.4530, 42.4071



Tritanopia

26.4839, 31.9391, 45.3264

Trichromacy



Original Color

25.6658, 31.8680, 41.3576

Protanomaly

28.3239, 31.2379, 39.1870

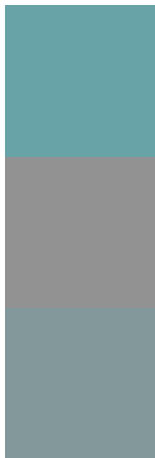
Deuteranomaly

29.2001, 31.1360, 42.0070

Tritanomaly

26.0756, 31.7623, 43.7861

Monochromacy



Original Color

25.6658, 31.8680, 41.3576

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.2669, 29.5354, 34.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6658, 31.8680, 41.3576 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(103, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(103, 163, 167)  
}
```

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(103, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 163, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.6658, 31.8680, 41.3576 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(103, 163, 167) }
```


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

```
.border{ border-color:rgb(103, 163, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 163, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(103, 163,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6658, 31.8680, 41.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 163, 167) }
```

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

```
.background{ background-color: rgb(103,  
163, 167) }
```

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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