

Converting Colors

XYZ(25.3550, 31.9400, 42.8589)

Have a look what the booklet for
XYZ(25.3550, 31.9400, 42.8589)
contains.

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Color

**XYZ(25.3550, 31.9400,
42.8589)**

Conversions

Conversions Part 1

Format	Color
Hex	60A4AA
RGB	96, 164, 170
RGB Percent	38%, 64%, 67%
CMY	0.6235, 0.3569, 0.3333
CMYK	0.44, 0.04, 0.00, 0.33
HSL	185°, 30%, 52%
HSV	185°, 44%, 67%
XYZ	25.3550, 31.9400, 42.8589
YIQ	144.3520, -42.4540, -12.5500

Conversions

Conversions Part 2

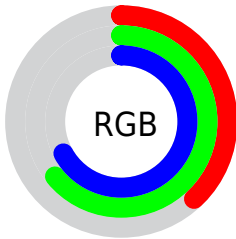
Format	Color
RYB	96, 131, 170
Decimal	6333610
CIELab	63.29, -19.91, -9.86
CIElCh	63, 22.221, 206.346
Yxy	31.9400, 0.2532, 0.3189
Android (android.graphics.Color)	4284523690 (0xFF60A4AA)
YUV	144.3520, 12.6445, -42.4047
Hunter-Lab	56.5155, -18.8202, -5.4021

Details

The XYZ color **25.3550, 31.9400, 42.8589** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4407, 18.8937, 13.4784**, and the grayscale version is **26.6148, 28.0008, 30.4929**.

A 20% lighter version of the original color is **51.6846, 62.6786, 80.6083**, and **9.9393, 13.3475, 19.1920** is the 20% darker color. If you saturate the color by 10%, you get **23.5112, 30.6261, 42.7030**, and if you desaturate by 10%, it is **27.5902, 33.4611, 43.0353**.

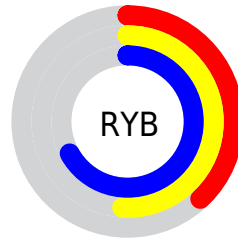
Distribution



Red (38%)

Green (64%)

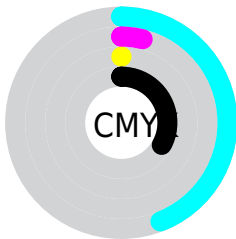
Blue (67%)



Red (38%)

Yellow (51%)

Blue (67%)

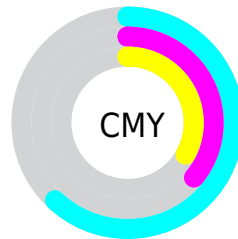


Cyan (44%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3550, 31.9400, 42.8589 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 25.3550, 31.9400, 42.8589 by changing the saturation by 10% instead.

■ 25.3550, 31.9400,
42.8589

■ 25.3550, 31.9400,
42.8589

271.9164,
310.8458, 373.9353

■ 16.4719, 21.3157,
29.4438

■ 51.6713, 62.7170,
80.7820

■ 9.9516, 13.3549,
19.1684

■ 69.8352, 83.6385,
106.1270

■ 5.4289, 7.6734,
11.6140

■ 91.8234, 108.7612,
136.2859

■ 2.5384, 3.8867,
6.3621

■ 118.0013,
138.4694, 171.6770

■ 0.9147, 1.6104,
2.9941

148.7341,
173.1476, 212.7190

■ 0.0000, 0.3646,
1.0916

184.3874,

■ 0.0000, 0.0000,

213.1801, 259.8303

0.0000

225.3264,
258.9514, 313.4296

■ 25.3550, 31.9400,
42.8589

■ 25.3550, 31.9400,
42.8589

■ 23.5112, 30.6261,
42.7030

■ 27.5902, 33.4611,
43.0353

■ 22.0306, 29.5027,
42.5642

■ 30.2368, 35.1976,
43.2309

■ 20.8862, 28.5565,
42.4419

■ 33.3169, 37.1615,
43.4477

■ 20.0455, 27.7708,
42.3346

■ 36.8503, 39.3631,
43.6864

■ 19.4699, 27.1257,
42.2404

■ 40.8554, 41.8119,
43.9480

■ 19.1814, 26.7535,
42.1838

■ 45.3496, 44.5169,
44.2332

■ 50.3495, 47.4866,
44.5429

■ 55.8710, 50.7292,
44.8778

■ 61.9290, 54.2525,
45.2385

Harmonies

Analogous

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



24.8240, 31.9400, 33.7077



25.3550, 31.9400, 42.8589



27.1934, 31.9400, 50.8889

Triad

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



25.3550, 31.9400, 42.8589



35.5584, 31.9400, 45.0467



30.7369, 31.9400, 20.4505

Complementary

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



25.3550, 31.9400, 42.8589



23.4407, 18.8937, 13.4784

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.



33.7590, 31.9400, 22.4852



25.3550, 31.9400, 42.8589



36.6589, 31.9400, 35.8692

Square

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



25.3550, 31.9400, 42.8589



33.0623, 31.9400, 52.2946



35.9793, 31.9400, 27.7813



27.8053, 31.9400, 21.6868

Rectangle

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



25.3550, 31.9400, 42.8589



28.9816, 31.9400, 53.9956



35.9793, 31.9400, 27.7813



31.7773, 31.9400, 20.7643

Sweetspot

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



25.3560, 31.9412, 42.8596



60.6248, 67.5353, 78.8422



21.5449, 32.1752, 17.3704



13.2340, 14.8804, 17.5624



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.3560, 31.9412, 42.8596



42.8351, 55.6968, 77.4948



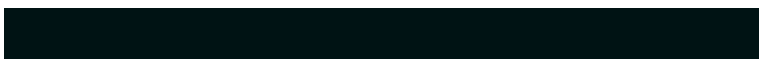
19.8081, 20.8456, 41.0104



7.6948, 8.4265, 9.6393



14.1291, 19.7183, 31.0368



0.3585, 0.5092, 0.7600

Inverse Universe

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



27.4620, 19.5929, 37.4577



47.2295, 30.6935, 66.0530



27.7684, 27.5491, 14.9210



7.8153, 7.6560, 9.3445



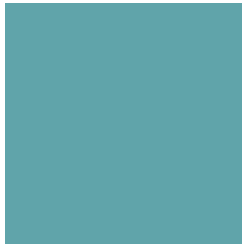
16.6323, 8.0616, 23.9390



0.4121, 0.1991, 0.6215

Previews

White Background



This preview shows how the XYZ color 25.3550, 31.9400, 42.8589 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 25.3550, 31.9400, 42.8589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

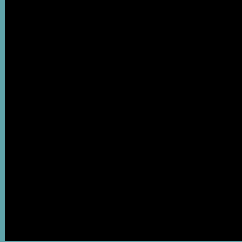
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3550, 31.9400, 42.8589

Background



This preview shows how black text looks on a background with the XYZ color 25.3550, 31.9400, 42.8589.



This preview shows how white text looks on a background with the XYZ color 25.3550, 31.9400,

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

25.3550, 31.9400, 42.8589

Protanopia

30.6987, 31.7405, 38.6910

Deuteranopia

32.1949, 31.6801, 43.9532



Tritanopia

25.9707, 31.9256, 45.8678

Trichromacy



Original Color

25.3550, 31.9400, 42.8589

Protanomaly

28.1957, 31.3991, 40.1719

Deuteranomaly

28.9937, 31.2407, 43.5316

Tritanomaly

25.6669, 31.7918, 44.8280

Monochromacy



Original Color

25.3550, 31.9400, 42.8589

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5688, 28.9452, 34.3763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3550, 31.9400, 42.8589 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(96, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(96, 164, 170)  
}
```

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(96, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 164, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.3550, 31.9400, 42.8589 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(96, 164, 170) }
```


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

```
.border{ border-color:rgb(96, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(96, 164,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3550, 31.9400, 42.8589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 164, 170) }
```

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

```
.background{ background-color: rgb(96, 164,  
170) }
```

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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