

Converting Colors

XYZ(23.3683, 28.4058, 40.3276)

Have a look what the booklet for
XYZ(23.3683, 28.4058, 40.3276)
contains.

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Color

**XYZ(23.3683, 28.4058,
40.3276)**

Conversions

Conversions Part 1

Format	Color
Hex	619AA6
RGB	97, 154, 166
RGB Percent	38%, 60%, 65%
CMY	0.6196, 0.3961, 0.3490
CMYK	0.42, 0.07, 0.00, 0.35
HSL	190°, 28%, 52%
HSV	190°, 42%, 65%
XYZ	23.3683, 28.4058, 40.3276
YIQ	138.3250, -37.8240, -8.3520

Conversions

Conversions Part 2

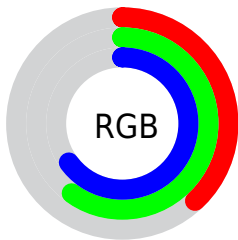
Format	Color
R_{YB}	97, 128, 166
Decimal	6396582
CIE _{Lab}	60.25, -15.45, -12.16
CIE _{LCh}	60, 19.658, 218.205
Yxy	28.4058, 0.2537, 0.3084
Android (android.graphics.Color)	4284586662 (0xFF619AA6)
YUV	138.3250, 13.6438, -36.2420
Hunter-Lab	53.2971, -15.0059, -7.5542

Details

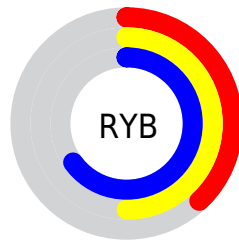
The XYZ color **23.3683, 28.4058, 40.3276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3526, 19.9077, 13.9217**, and the grayscale version is **24.2422, 25.5046, 27.7746**.

A 20% lighter version of the original color is **48.3695, 56.9115, 76.8423**, and **8.9262, 11.4509, 17.6594** is the 20% darker color. If you saturate the color by 10%, you get **21.3107, 26.6469, 40.0970**, and if you desaturate by 10%, it is **25.8092, 30.3806, 40.5806**.

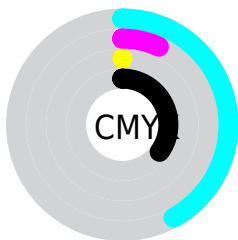
Distribution



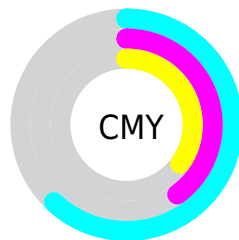
- Red (38%)
- Green (60%)
- Blue (65%)



- Red (38%)
- Yellow (50%)
- Blue (65%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3683, 28.4058, 40.3276 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 23.3683, 28.4058, 40.3276 by changing the saturation by 10% instead.

■ 23.3683, 28.4058,
40.3276

■ 23.3683, 28.4058,
40.3276

■ 262.1112,
294.4009, 363.0955

■ 14.9879, 18.6318,
27.4783

■ 48.4596, 57.1317,
76.9047

■ 8.8971, 11.4045,
17.6972

■ 65.9012, 76.8523,
101.4695

■ 4.7307, 6.3396,
10.5656

■ 87.0939, 100.6573,
130.7767

■ 2.1233, 3.0527,
5.6651

■ 112.4030,
128.9310, 165.2446

■ 0.7018, 1.1593,
2.5770

■ 142.1939,
162.0578, 205.2919

■ 0.0000, 0.0281,
0.8806

■ 176.8321,

■ 0.0000, 0.0000,

200.4221, 251.3372

0.0000

216.6827,
244.4084, 303.7988

■ 23.3683, 28.4058,
40.3276

■ 23.3683, 28.4058,
40.3276

■ 21.3107, 26.6469,
40.0970

■ 25.8092, 30.3806,
40.5806

■ 19.6105, 25.0885,
39.8859

■ 28.6521, 32.5791,
40.8551

■ 18.2426, 23.7182,
39.6935

■ 31.9177, 35.0128,
41.1528

■ 17.1773, 22.5205,
39.5184

■ 35.6244, 37.6912,
41.4744

■ 16.3795, 21.4773,
39.3591

■ 39.7894, 40.6234,
41.8208

■ 15.8479, 20.6829,
39.2338

■ 44.4292, 43.8179,
42.1929

■ 49.5591, 47.2827,
42.5913

■ 55.1942, 51.0258,
43.0168

■ 61.3485, 55.0545,
43.4700

Harmonies

Analogous

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



22.4824, 28.4058, 32.9516



23.3683, 28.4058, 40.3276



25.2399, 28.4058, 45.6823

Triad

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



23.3683, 28.4058, 40.3276



31.7513, 28.4058, 36.3715



26.3134, 28.4058, 19.1293

Complementary

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



23.3683, 28.4058, 40.3276



23.3526, 19.9077, 13.9217

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.



28.8377, 28.4058, 19.7528



23.3683, 28.4058, 40.3276



32.0830, 28.4058, 28.9911

Square

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



23.3683, 28.4058, 40.3276



30.1071, 28.4058, 43.1622



30.9872, 28.4058, 23.1176



24.1122, 28.4058, 21.2578

Rectangle

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



23.3683, 28.4058, 40.3276



26.8474, 28.4058, 46.9716



30.9872, 28.4058, 23.1176



27.1509, 28.4058, 19.0313

Sweetspot

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



23.3692, 28.4069, 40.3283



57.5127, 63.2400, 74.6506



21.3001, 30.9078, 19.1712



12.6979, 14.0250, 16.6900



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.



23.3692, 28.4069, 40.3283



38.8942, 48.5530, 72.7970



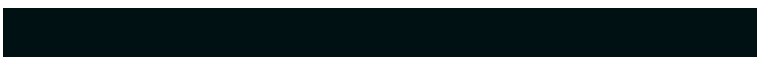
18.5298, 18.7282, 38.7152



7.6349, 8.3068, 9.6193



12.3192, 16.0987, 30.4336



0.3280, 0.4483, 0.7499

Inverse Universe

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



25.8340, 18.9902, 32.8770



44.1253, 29.5906, 56.7543



27.7066, 28.6156, 15.3730



7.7851, 7.6439, 9.1854



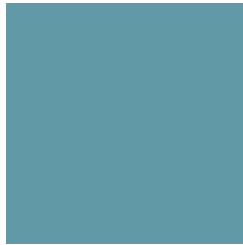
15.7188, 7.6962, 19.1285



0.3967, 0.1930, 0.5406

Previews

White Background



This preview shows how the XYZ color 23.3683, 28.4058, 40.3276 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3683, 28.4058, 40.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

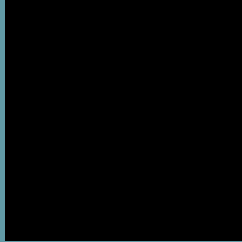
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3683, 28.4058, 40.3276

Background



This preview shows how black text looks on a background with the XYZ color 23.3683, 28.4058, 40.3276.



This preview shows how white text looks on a background with the XYZ color 23.3683, 28.4058,

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

23.3683, 28.4058, 40.3276

Protanopia

27.5590, 28.2894, 36.8088

Deuteranopia

28.7189, 28.1174, 41.4497



Tritanopia

23.3683, 28.4058, 40.3276

Trichromacy



Original Color

23.3683, 28.4058, 40.3276

Protanomaly

25.7157, 28.2241, 38.2748

Deuteranomaly

26.4000, 28.0520, 41.0689

Tritanomaly

23.3683, 28.4058, 40.3276

Monochromacy



Original Color

23.3683, 28.4058, 40.3276

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.4869, 26.2956, 31.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3683, 28.4058, 40.3276 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(97, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(97, 154, 166)  
}
```

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(97, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 154, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.3683, 28.4058, 40.3276 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(97, 154, 166) }
```


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

```
.border{ border-color:rgb(97, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(97, 154,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3683, 28.4058, 40.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 154, 166) }
```

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

```
.background{ background-color: rgb(97, 154,  
166) }
```

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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