

Converting Colors

XYZ(25.1640, 28.1233, 40.8960)

Have a look what the booklet for
XYZ(25.1640, 28.1233, 40.8960)
contains.

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Color

**XYZ(25.0586, 28.0668,
40.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	7595A7
RGB	117, 149, 167
RGB Percent	46%, 58%, 65%
CMY	0.5412, 0.4157, 0.3451
CMYK	0.30, 0.11, 0.00, 0.35
HSL	202°, 22%, 56%
HSV	202°, 30%, 65%
XYZ	25.0586, 28.0668, 40.6559
YIQ	141.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

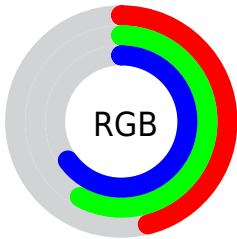
Format	Color
RYB	117, 137, 167
Decimal	7706023
CIELab	59.95, -6.76, -13.07
CIElCh	60, 14.715, 242.664
Yxy	28.0668, 0.2672, 0.2993
Android (android.graphics.Color)	4285896103 (0xFF7595A7)
YUV	141.4840, 12.5794, -21.4725
Hunter-Lab	52.9781, -8.2813, -8.4150

Details

The XYZ color **25.0586, 28.0668, 40.6559** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8116, 26.8280, 20.5428**, and the grayscale version is **25.4673, 26.7935, 29.1782**.

A 20% lighter version of the original color is **51.1183, 56.5318, 77.3248**, and **9.7769, 11.1665, 17.8597** is the 20% darker color. If you saturate the color by 10%, you get **22.0853, 25.1590, 40.2518**, and if you desaturate by 10%, it is **28.4830, 31.2815, 41.0964**.

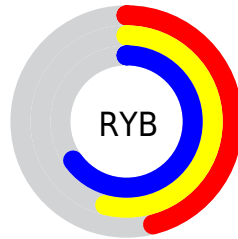
Distribution



Red (46%)

Green (58%)

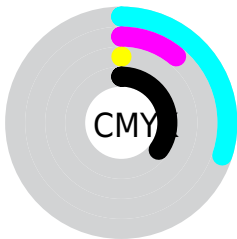
Blue (65%)



Red (46%)

Yellow (54%)

Blue (65%)

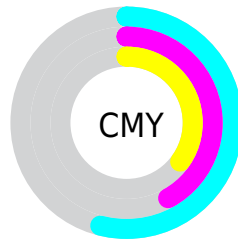


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0586, 28.0668, 40.6559 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 25.0586, 28.0668, 40.6559 by changing the saturation by 10% instead.

■ 25.0586, 28.0668,
40.6559

■ 25.0586, 28.0668,
40.6559

270.4719,
292.7860, 364.5144

■ 16.2497, 18.3760,
27.7326

■ 51.1945, 56.5911,
77.4092

■ 9.7930, 11.2203,
17.8869

■ 69.2522, 76.1934,
102.0764

■ 5.3231, 6.2152,
10.7002

■ 91.1235, 99.8683,
131.4953

■ 2.4748, 2.9764,
5.7540

117.1738,
128.0002, 166.0844

■ 0.8825, 1.1194,
2.6297

147.7684,
160.9735, 206.2624

■ 0.0000, 0.0000,
0.9077

183.2727,

■ 0.0000, 0.0000,

199.1727, 252.4476

0.0000

224.0521,
242.9820, 305.0588

■ 25.0586, 28.0668,
40.6559

■ 25.0586, 28.0668,
40.6559

■ 22.0853, 25.1590,
40.2518

■ 28.4830, 31.2815,
41.0964

■ 19.5386, 22.5421,
39.8809

■ 32.3764, 34.8111,
41.5725

■ 17.3952, 20.2039,
39.5426

■ 36.7588, 38.6679,
42.0859

■ 15.6286, 18.1296,
39.2353

■ 41.6480, 42.8620,
42.6378

■ 14.2088, 16.3023,
38.9574

■ 47.0613, 47.4033,
43.2290

■ 13.1005, 14.7028,
38.7071

■ 53.0148, 52.3010,
43.8606

■ 12.2260, 13.2898,
38.4805

■ 59.5240, 57.5642,
44.5334

■ 12.2209, 13.2816,
38.4792

■ 66.6038, 63.2014,
45.2484

■ 69.5963, 66.8124,
45.7876

Harmonies

Analogous

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



23.7614, 28.0668, 36.4644



25.0586, 28.0668, 40.6559



26.8442, 28.0668, 42.0497

Triad

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



25.0586, 28.0668, 40.6559



30.4338, 28.0668, 30.0836



24.7819, 28.0668, 22.6815

Complementary

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



25.0586, 28.0668, 40.6559



27.8116, 26.8280, 20.5428

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.



26.5098, 28.0668, 21.3807



25.0586, 28.0668, 40.6559



29.8211, 28.0668, 25.3301

Square

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



25.0586, 28.0668, 40.6559



30.0015, 28.0668, 35.5393



28.3629, 28.0668, 22.2912



23.6070, 28.0668, 26.0689

Rectangle

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



25.0586, 28.0668, 40.6559



28.0869, 28.0668, 41.0868



28.3629, 28.0668, 22.2912



25.3144, 28.0668, 22.0049

Sweetspot

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



25.0595, 28.0679, 40.6565



58.5609, 62.8588, 74.5217



25.4935, 33.1551, 27.7941



12.8712, 13.8581, 16.6486



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.



25.0595, 28.0679, 40.6565



41.2175, 46.7114, 72.3191



21.5823, 21.1136, 39.4975



7.5170, 8.0709, 9.5800



9.3991, 10.2583, 29.4602



0.2745, 0.3412, 0.7320

Inverse Universe

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



27.7231, 23.1087, 31.4342



46.8817, 36.7571, 52.5756



31.6321, 34.4690, 21.8163



7.7256, 7.6201, 8.8720



14.2448, 7.1066, 11.3666



0.3697, 0.1822, 0.3984

Previews

White Background



This preview shows how the XYZ color 25.0586, 28.0668, 40.6559 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 25.0586, 28.0668, 40.6559 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

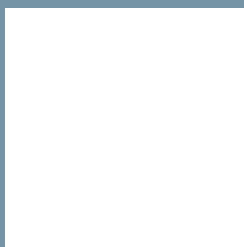
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0586, 28.0668, 40.6559

Background



This preview shows how black text looks on a background with the XYZ color 25.0586, 28.0668, 40.6559.



This preview shows how white text looks on a background with the XYZ color 25.0586, 28.0668,

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

25.0586, 28.0668, 40.6559

Protanopia

27.4178, 27.9520, 38.6005

Deuteranopia

28.5404, 28.0253, 41.4413



Tritanopia

24.6304, 28.1343, 38.3147

Trichromacy



Original Color

25.0586, 28.0668, 40.6559

Protanomaly

26.3420, 27.8367, 39.1066

Deuteranomaly

27.0328, 27.9246, 41.0110

Tritanomaly

24.8096, 28.2060, 39.2587

Monochromacy



Original Color

25.0586, 28.0668, 40.6559

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9940, 27.0541, 32.7588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0586, 28.0668, 40.6559 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(117, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(117, 149, 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(117, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.0586, 28.0668, 40.6559 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(117, 149, 167) }
```


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

```
.border{ border-color:rgb(117, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(117, 149,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0586, 28.0668, 40.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 149, 167) }
```

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

```
.background{ background-color: rgb(117,  
149, 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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