

Converting Colors

XYZ(25.7862, 29.5354, 40.9122)

Have a look what the booklet for
XYZ(25.7862, 29.5354, 40.9122)
contains.

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Color

**XYZ(25.8668, 29.6831,
40.9253)**

Conversions

Conversions Part 1

Format	Color
Hex	759AA7
RGB	117, 154, 167
RGB Percent	46%, 60%, 65%
CMY	0.5412, 0.3961, 0.3451
CMYK	0.30, 0.08, 0.00, 0.35
HSL	196°, 22%, 56%
HSV	196°, 30%, 65%
XYZ	25.8668, 29.6831, 40.9253
YIQ	144.4190, -26.2250, -3.8010

Conversions

Conversions Part 2

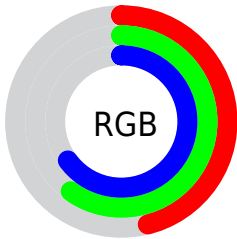
Format	Color
RYB	117, 138, 167
Decimal	7707303
CIELab	61.38, -9.51, -10.92
CIELCh	61, 14.485, 228.942
Yxy	29.6831, 0.2681, 0.3077
Android (android.graphics.Color)	4285897383 (0xFF759AA7)
YUV	144.4190, 11.1324, -24.0465
Hunter-Lab	54.4822, -10.5965, -6.3992

Details

The XYZ color **25.8668, 29.6831, 40.9253** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1304, 25.4655, 20.3159**, and the grayscale version is **26.6430, 28.0305, 30.5252**.

A 20% lighter version of the original color is **52.3183, 58.9317, 77.7247**, and **10.2595, 12.1316, 18.0206** is the 20% darker color. If you saturate the color by 10%, you get **23.1166, 27.2214, 40.5956**, and if you desaturate by 10%, it is **29.0451, 32.4054, 41.2837**.

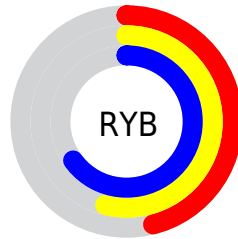
Distribution



Red (46%)

Green (60%)

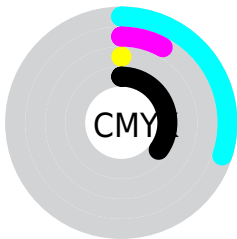
Blue (65%)



Red (46%)

Yellow (54%)

Blue (65%)

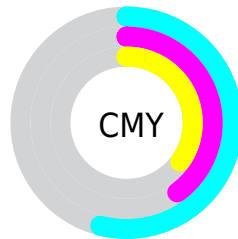


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8668, 29.6831, 40.9253 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 25.8668, 29.6831, 40.9253 by changing the saturation by 10% instead.

■ 25.8668, 29.6831,
40.9253

■ 25.8668, 29.6831,
40.9253

274.3963,
300.4245, 365.6757

■ 16.8562, 19.5982,
27.9415

■ 52.4928, 59.1607,
77.8229

■ 10.2267, 12.1033,
18.0429

■ 70.8389, 79.3221,
102.5738

■ 5.6129, 6.8141,
10.8110

■ 93.0276, 103.6111,
132.0841

■ 2.6496, 3.3461,
5.8273

119.4241,
132.4122, 166.7723

■ 0.9713, 1.3150,
2.6733

150.3939,
166.1097, 207.0571

■ 0.0000, 0.1528,
0.9299

186.3023,

■ 0.0000, 0.0000,

205.0879, 253.3568

0.0000

227.5146,
249.7314, 306.0902

■ 25.8668, 29.6831,
40.9253

■ 25.8668, 29.6831,
40.9253

■ 23.1166, 27.2214,
40.5956

■ 29.0451, 32.4054,
41.2837

■ 20.7701, 25.0052,
40.2915

■ 32.6686, 35.3954,
41.6699

■ 18.8048, 23.0232,
40.0125

■ 36.7570, 38.6643,
42.0854

■ 17.1946, 21.2615,
39.7573

■ 41.3279, 42.2216,
42.5311

■ 15.9099, 19.7044,
39.5245

■ 46.3979, 46.0762,
43.0079

■ 14.9159, 18.3336,
39.3123

■ 51.9827, 50.2366,
43.5166

■ 14.1355, 17.1089,
39.1170

■ 58.0976, 54.7110,
44.0579

■ 14.1309, 17.1016,
39.1159

■ 64.7569, 59.5072,
44.6327

■ 67.3021, 62.2241,
45.0230

Harmonies

Analogous

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



24.8771, 29.6831, 35.8589



25.8668, 29.6831, 40.9253



27.5137, 29.6831, 43.7914

Triad

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



25.8668, 29.6831, 40.9253



31.9763, 29.6831, 34.3813



27.0365, 29.6831, 23.3504

Complementary

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



25.8668, 29.6831, 40.9253



27.1304, 25.4655, 20.3159

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.



28.9238, 29.6831, 23.0500



25.8668, 29.6831, 40.9253



31.8344, 29.6831, 29.0217

Square

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



25.8668, 29.6831, 40.9253



31.0763, 29.6831, 39.7391



30.6967, 29.6831, 25.0141



25.5310, 29.6831, 25.8868

Rectangle

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



25.8668, 29.6831, 40.9253



28.7881, 29.6831, 43.8741



30.6967, 29.6831, 25.0141



27.6454, 29.6831, 22.9962

Sweetspot

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



25.8677, 29.6843, 40.9260



59.0446, 63.8263, 74.6830



25.1513, 33.0183, 25.9919



12.9954, 14.1064, 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.



25.8677, 29.6843, 40.9260



42.9375, 50.1513, 72.8924



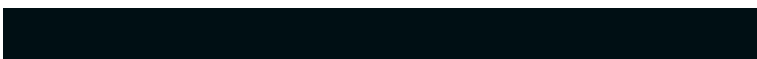
22.2282, 22.4053, 39.7128



7.5800, 8.1970, 9.6010



10.8541, 13.1685, 29.9452



0.3020, 0.3963, 0.7412

Inverse Universe

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



28.1311, 23.2720, 33.5823



47.7499, 37.1044, 57.1472



30.7862, 32.7771, 21.5345



7.7574, 7.6328, 9.0396



14.9793, 7.4004, 15.2342



0.3836, 0.1877, 0.4716

Previews

White Background



This preview shows how the XYZ color 25.8668, 29.6831, 40.9253 looks on a white background.

Color Contrast Check

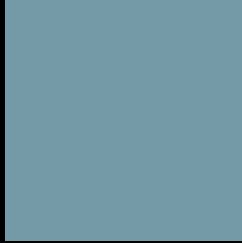
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8668, 29.6831, 40.9253 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 25.8668, 29.6831, 40.9253

Background



This preview shows how black text looks on a background with the XYZ color 25.8668, 29.6831, 40.9253.



This preview shows how white text looks on a background with the XYZ color 25.8668, 29.6831,

40.9253.

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

25.8668, 29.6831, 40.9253

Protanopia

28.8094, 29.5871, 38.3749

Deuteranopia

30.0836, 29.4865, 41.6420



Tritanopia

25.7747, 29.6463, 40.4402

Trichromacy



Original Color

25.8668, 29.6831, 40.9253

Protanomaly

27.5989, 29.6439, 39.3892

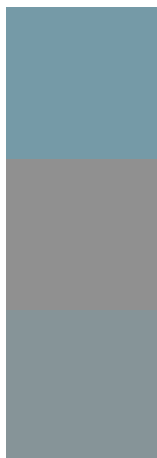
Deuteranomaly

28.3052, 29.4959, 41.2472

Tritanomaly

25.7747, 29.6463, 40.4402

Monochromacy



Original Color

25.8668, 29.6831, 40.9253

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0889, 28.5151, 33.8347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8668, 29.6831, 40.9253 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, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 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, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.8668, 29.6831, 40.9253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

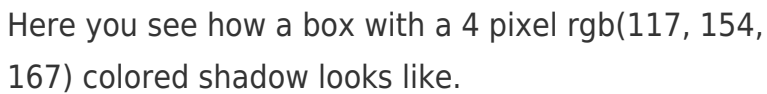
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 154, 167) }
```


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

```
.border{ border-color:rgb(117, 154, 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, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 154, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 154, 167); box-shadow:4px 4px 4px 4px rgb(117, 154, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8668, 29.6831, 40.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 167) }
```

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

```
.background{ background-color: rgb(117,  
154, 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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