

Converting Colors

XYZ(24.2899, 29.1163, 40.8990)

Have a look what the booklet for
XYZ(24.2899, 29.1163, 40.8990)
contains.

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Color

**XYZ(24.2899, 29.1163,
40.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	679BA7
RGB	103, 155, 167
RGB Percent	40%, 61%, 65%
CMY	0.5961, 0.3921, 0.3451
CMYK	0.38, 0.07, 0.00, 0.35
HSL	191°, 27%, 53%
HSV	191°, 38%, 65%
XYZ	24.2899, 29.1163, 40.8990
YIQ	140.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

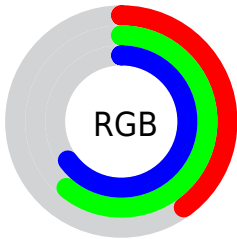
Format	Color
RYB	103, 132, 167
Decimal	6790055
CIELab	60.88, -14.10, -11.75
CIELCh	61, 18.352, 219.795
Yxy	29.1163, 0.2576, 0.3087
Android (android.graphics.Color)	4284980135 (0xFF679BA7)
YUV	140.8200, 12.9067, -33.1681
Hunter-Lab	53.9595, -14.0773, -7.1676

Details

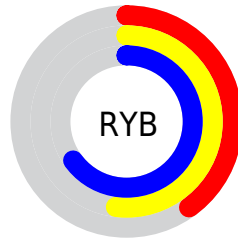
The XYZ color **24.2899, 29.1163, 40.8990** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5157, 21.4565, 15.6820**, and the grayscale version is **25.2085, 26.5213, 28.8817**.

A 20% lighter version of the original color is **50.1360, 58.5352, 77.7632**, and **9.4101, 11.8422, 18.0095** is the 20% darker color. If you saturate the color by 10%, you get **22.0483, 27.1979, 40.6474**, and if you desaturate by 10%, it is **26.9294, 31.2613, 41.1744**.

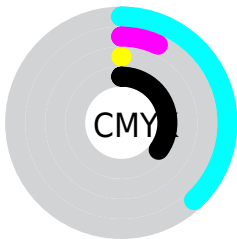
Distribution



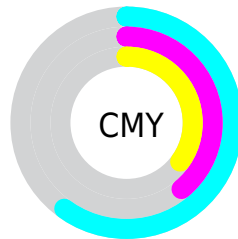
- Red (40%)
- Green (61%)
- Blue (65%)



- Red (40%)
- Yellow (52%)
- Blue (65%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2899, 29.1163, 40.8990 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 24.2899, 29.1163, 40.8990 by changing the saturation by 10% instead.

■ 24.2899, 29.1163,
40.8990

■ 24.2899, 29.1163,
40.8990

266.6962,
297.7633, 365.5624

■ 15.6747, 19.1688,
27.9211

■ 49.9541, 58.2618,
77.7826

■ 9.3836, 11.7923,
18.0276

■ 67.7338, 78.2286,
102.5253

■ 5.0514, 6.6024,
10.8002

■ 89.2991, 102.3040,
132.0266

■ 2.3125, 3.2147,
5.8202

■ 115.0153,
130.8724, 166.7052

■ 0.8010, 1.2448,
2.6690

145.2477,
164.3181, 206.9795

■ 0.0000, 0.0979,
0.9278

180.3618,

■ 0.0000, 0.0000,

203.0255, 253.2682

0.0000

220.7228,
247.3792, 305.9896

■ 24.2899, 29.1163,
40.8990

■ 24.2899, 29.1163,
40.8990

■ 22.0483, 27.1979,
40.6474

■ 26.9294, 31.2613,
41.1744

■ 20.1789, 25.4905,
40.4163

■ 29.9852, 33.6404,
41.4726

■ 18.6571, 23.9822,
40.2054

■ 33.4778, 36.2651,
41.7951

■ 17.4543, 22.6578,
40.0132

■ 37.4255, 39.1448,
42.1429

■ 16.5368, 21.5000,
39.8380

■ 41.8455, 42.2887,
42.5168

■ 15.8451, 20.4779,
39.6772

■ 46.7542, 45.7054,
42.9175

■ 15.7361, 20.3119,
39.6509

■ 52.1672, 49.4028,
43.3459

■ 58.0992, 53.3889,
43.8026

■ 64.5645, 57.6712,
44.2884

Harmonies

Analogous

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



23.3864, 29.1163, 33.9960



24.2899, 29.1163, 40.8990



26.1165, 29.1163, 45.7344

Triad

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



24.2899, 29.1163, 40.8990



32.2169, 29.1163, 36.4711



26.8993, 29.1163, 20.4173

Complementary

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



24.2899, 29.1163, 40.8990



24.5157, 21.4565, 15.6820

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.



29.2926, 29.1163, 20.8819



24.2899, 29.1163, 40.8990



32.4564, 29.1163, 29.5149

Square

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



24.2899, 29.1163, 40.8990



30.7223, 29.1163, 42.9336



31.3590, 29.1163, 23.9999



24.8346, 29.1163, 22.6240

Rectangle

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



24.2899, 29.1163, 40.8990



27.6578, 29.1163, 46.7765



31.3590, 29.1163, 23.9999



27.6906, 29.1163, 20.2745

Sweetspot

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



24.2908, 29.1174, 40.8997



58.0742, 63.5492, 74.6807



22.4920, 31.7532, 21.0835



12.8113, 14.0830, 16.6952



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.



24.2908, 29.1174, 40.8997



40.0414, 49.1964, 72.8607



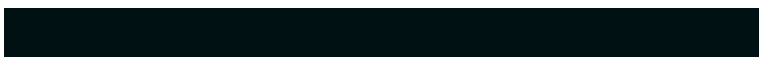
19.6853, 19.9065, 39.3645



7.6262, 8.2894, 9.6164



12.0746, 15.6094, 30.3520



0.3238, 0.4398, 0.7485

Inverse Universe

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



26.7037, 20.2833, 33.5193



45.1073, 31.5264, 57.1689



28.7774, 29.9800, 17.1026



7.7807, 7.6421, 9.1623



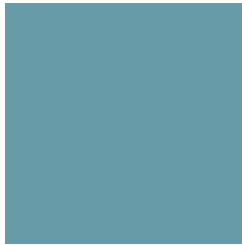
15.5953, 7.6468, 18.4783



0.3946, 0.1921, 0.5294

Previews

White Background



This preview shows how the XYZ color 24.2899, 29.1163, 40.8990 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 24.2899, 29.1163, 40.8990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

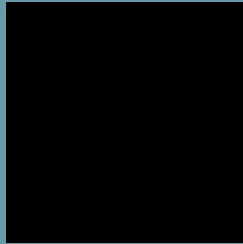
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2899, 29.1163, 40.8990

Background



This preview shows how black text looks on a background with the XYZ color 24.2899, 29.1163, 40.8990.



This preview shows how white text looks on a background with the XYZ color 24.2899, 29.1163,

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

24.2899, 29.1163, 40.8990

Protanopia

28.2355, 28.8437, 37.7974

Deuteranopia

29.4726, 28.9368, 42.0622



Tritanopia

24.2899, 29.1163, 40.8990

Trichromacy



Original Color

24.2899, 29.1163, 40.8990

Protanomaly

26.5642, 28.8851, 38.8256

Deuteranomaly

27.1109, 28.6375, 41.6348

Tritanomaly

24.2899, 29.1163, 40.8990

Monochromacy



Original Color

24.2899, 29.1163, 40.8990

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5363, 27.2718, 32.8249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2899, 29.1163, 40.8990 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, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(103, 155, 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, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 155, 167) }
```

Border

The CSS property to change the border of an element to XYZ 24.2899, 29.1163, 40.8990 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, 155, 167) }
```


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

```
.border{ border-color:rgb(103, 155, 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, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(103, 155,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2899, 29.1163, 40.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 155, 167) }
```

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

```
.background{ background-color: rgb(103,  
155, 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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