

Converting Colors

XYZ(25.2702, 28.3903, 41.6841)

Have a look what the booklet for
XYZ(25.2702, 28.3903, 41.6841)
contains.

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Color

**XYZ(25.2702, 28.3903,
41.6841)**

Conversions

Conversions Part 1

Format	Color
Hex	7496A9
RGB	116, 150, 169
RGB Percent	45%, 59%, 66%
CMY	0.5451, 0.4118, 0.3373
CMYK	0.31, 0.11, 0.00, 0.34
HSL	202°, 24%, 56%
HSV	202°, 31%, 66%
XYZ	25.2702, 28.3903, 41.6841
YIQ	142.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

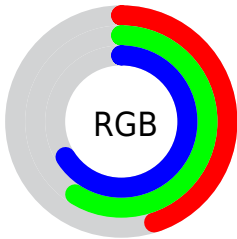
Format	Color
R_{YB}	116, 137, 169
Decimal	7640745
CIE _{Lab}	60.24, -7.11, -13.77
CIE _{LCh}	60, 15.501, 242.698
Yxy	28.3903, 0.2650, 0.2978
Android (android.graphics.Color)	4285830825 (0xFF7496A9)
YUV	142.0000, 13.3110, -22.8020
Hunter-Lab	53.2825, -8.5876, -9.0861

Details

The XYZ color **25.2702, 28.3903, 41.6841** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.1788, 27.0240, 20.2545**, and the grayscale version is **25.6683, 27.0051, 29.4085**.

A 20% lighter version of the original color is **51.4096, 57.0026, 78.8140**, and **9.9195, 11.3663, 18.5007** is the 20% darker color. If you saturate the color by 10%, you get **22.2832, 25.4529, 41.2750**, and if you desaturate by 10%, it is **28.7176, 31.6406, 42.1303**.

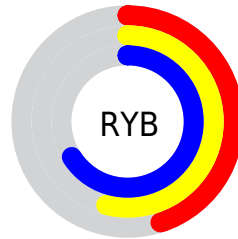
Distribution



Red (45%)

Green (59%)

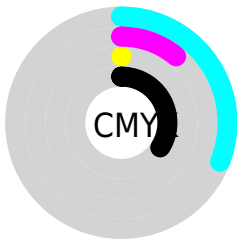
Blue (66%)



Red (45%)

Yellow (54%)

Blue (66%)

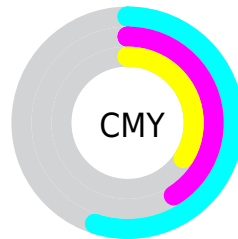


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2702, 28.3903, 41.6841 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 25.2702, 28.3903, 41.6841 by changing the saturation by 10% instead.

■ 25.2702, 28.3903,
41.6841

■ 25.2702, 28.3903,
41.6841

271.5038,
294.3272, 368.9327

■ 16.4083, 18.6201,
28.5303

■ 51.5350, 57.1070,
78.9862

■ 9.9062, 11.3961,
18.4833

■ 69.6685, 76.8222,
103.9716

■ 5.3986, 6.3339,
11.1245

■ 91.6234, 100.6213,
133.7379

■ 2.5201, 3.0492,
6.0354

117.7648,
128.8885, 168.7038

■ 0.9054, 1.1575,
2.7975

148.4582,
162.0083, 209.2876

■ 0.0000, 0.0265,
0.9922

184.0689,

■ 0.0000, 0.0000,

200.3651, 255.9080

0.0000

224.9623,
244.3433, 308.9835

■ 25.2702, 28.3903,
41.6841

■ 25.2702, 28.3903,
41.6841

■ 22.2832, 25.4529,
41.2750

■ 28.7176, 31.6406,
42.1303

■ 19.7311, 22.8121,
40.8998

■ 32.6441, 35.2125,
42.6127

■ 17.5896, 20.4550,
40.5577

■ 37.0703, 39.1183,
43.1334

■ 15.8311, 18.3661,
40.2472

■ 42.0150, 43.3688,
43.6932

■ 14.4239, 16.5279,
39.9666

■ 47.4958, 47.9741,
44.2932

■ 13.3306, 14.9199,
39.7138

■ 53.5295, 52.9439,
44.9345

■ 12.5686, 13.6789,
39.5144

■ 60.1321, 58.2873,
45.6179

■ 67.3192, 64.0133,
46.3443

■ 70.1193, 67.5602,
46.8813

Harmonies

Analogous

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



23.8965, 28.3903, 37.2044



25.2702, 28.3903, 41.6841



27.1643, 28.3903, 43.1737

Triad

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



25.2702, 28.3903, 41.6841



30.9811, 28.3903, 30.4003



24.9734, 28.3903, 22.5921

Complementary

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



25.2702, 28.3903, 41.6841



28.1788, 27.0240, 20.2545

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.



26.8048, 28.3903, 21.2244



25.2702, 28.3903, 41.6841



30.3269, 28.3903, 25.3727

Square

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



25.2702, 28.3903, 41.6841



30.5216, 28.3903, 36.2048



28.7739, 28.3903, 22.1770



23.7311, 28.3903, 26.1623

Rectangle

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



25.2702, 28.3903, 41.6841



28.4846, 28.3903, 42.1390



28.7739, 28.3903, 22.1770



25.5373, 28.3903, 21.8808

Sweetspot

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



25.2711, 28.3914, 41.6848



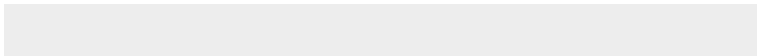
60.1284, 64.5492, 76.5152



25.7325, 33.8261, 27.9293



12.8731, 13.8618, 16.6492



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.



25.2711, 28.3914, 41.6848



41.2634, 46.9415, 74.1109



21.5658, 20.9810, 40.4497



7.5180, 8.0728, 9.5803



9.4192, 10.2985, 29.4669



0.2749, 0.3420, 0.7322

Inverse Universe

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



28.1133, 23.1284, 31.8380



47.3350, 36.3981, 52.9190



32.2687, 35.2037, 21.6178



7.7260, 7.6203, 8.8745



14.2550, 7.1107, 11.4201



0.3699, 0.1822, 0.3994

Previews

White Background



This preview shows how the XYZ color 25.2702, 28.3903, 41.6841 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 25.2702, 28.3903, 41.6841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

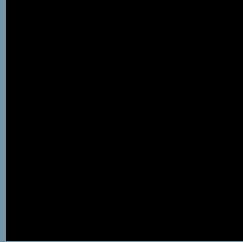
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2702, 28.3903, 41.6841

Background



This preview shows how black text looks on a background with the XYZ color 25.2702, 28.3903, 41.6841.



This preview shows how white text looks on a background with the XYZ color 25.2702, 28.3903,

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

25.2702, 28.3903, 41.6841

Protanopia

27.7493, 28.3259, 39.6022

Deuteranopia

28.7296, 28.1010, 42.4379



Tritanopia

24.7477, 28.4224, 38.8321

Trichromacy



Original Color

25.2702, 28.3903, 41.6841

Protanomaly

26.6775, 28.2165, 40.1167

Deuteranomaly

27.2206, 27.9997, 42.0000

Tritanomaly

24.9284, 28.4947, 39.7835

Monochromacy



Original Color

25.2702, 28.3903, 41.6841

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4658, 27.5043, 33.6724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2702, 28.3903, 41.6841 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(116, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 169)  
}
```

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(116, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 169) }
```

Border

The CSS property to change the border of an element to XYZ 25.2702, 28.3903, 41.6841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

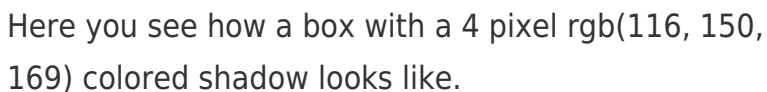
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 150, 169) }
```


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

```
.border{ border-color:rgb(116, 150, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 150, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 150, 169); box-shadow:4px 4px 4px 4px rgb(116, 150, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2702, 28.3903, 41.6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 169) }
```

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

```
.background{ background-color: rgb(116,  
150, 169) }
```

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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