

Converting Colors

XYZ(25.9556, 29.0997, 41.2972)

Have a look what the booklet for
XYZ(25.9556, 29.0997, 41.2972)
contains.

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Color

**XYZ(25.8802, 28.9534,
41.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	7897A8
RGB	120, 151, 168
RGB Percent	47%, 59%, 66%
CMY	0.5294, 0.4078, 0.3412
CMYK	0.29, 0.10, 0.00, 0.34
HSL	201°, 22%, 56%
HSV	201°, 29%, 66%
XYZ	25.8802, 28.9534, 41.2703
YIQ	143.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

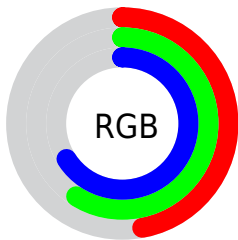
Format	Color
R_{YB}	120, 139, 168
Decimal	7903144
CIE _{Lab}	60.74, -6.70, -12.43
CIE _{LCh}	61, 14.121, 241.665
Yxy	28.9534, 0.2693, 0.3013
Android (android.graphics.Color)	4286093224 (0xFF7897A8)
YUV	143.6690, 11.9952, -20.7577
Hunter-Lab	53.8084, -8.3115, -7.8088

Details

The XYZ color **25.8802, 28.9534, 41.2703** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.4847, 27.5725, 21.5907**, and the grayscale version is **26.3371, 27.7087, 30.1748**.

A 20% lighter version of the original color is **52.3842, 57.8746, 78.2220**, and **10.2353, 11.6774, 18.2375** is the 20% darker color. If you saturate the color by 10%, you get **22.8183, 25.9898, 40.8601**, and if you desaturate by 10%, it is **29.4010, 32.2267, 41.7170**.

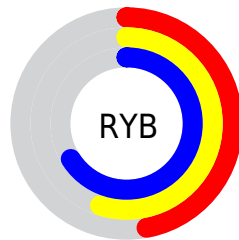
Distribution



Red (47%)

Green (59%)

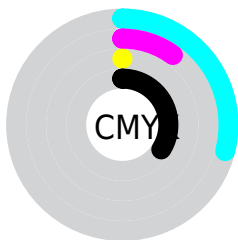
Blue (66%)



Red (47%)

Yellow (55%)

Blue (66%)

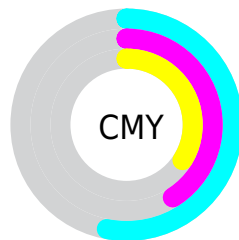


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8802, 28.9534, 41.2703 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 25.8802, 28.9534, 41.2703 by changing the saturation by 10% instead.

■ 25.8802, 28.9534,
41.2703

■ 25.8802, 28.9534,
41.2703

274.4610,
296.9950, 367.1591

■ 16.8662, 19.0456,
28.2091

■ 52.5143, 58.0030,
78.3522

■ 10.2339, 11.7032,
18.2429

■ 70.8652, 77.9136,
103.2099

■ 5.6178, 6.5419,
10.9533

■ 93.0590, 101.9273,
132.8368

■ 2.6525, 3.1773,
5.9216

119.4613,
130.4284, 167.6516

■ 0.9728, 1.2250,
2.7295

150.4372,
163.8013, 208.0726

■ 0.0000, 0.0820,
0.9582

186.3523,

■ 0.0000, 0.0000,

202.4304, 254.5185

0.0000

227.5717,
246.7002, 307.4078

■ 25.8802, 28.9534,
41.2703

■ 25.8802, 28.9534,
41.2703

■ 22.8183, 25.9898,
40.8601

■ 29.4010, 32.2267,
41.7170

■ 20.1905, 23.3201,
40.4833

■ 33.3986, 35.8178,
42.1995

■ 17.9738, 20.9319,
40.1392

■ 37.8930, 39.7389,
42.7194

■ 16.1416, 18.8104,
39.8263

■ 42.9024, 44.0001,
43.2779

■ 14.6640, 16.9391,
39.5430

■ 48.4437, 48.6113,
43.8759

■ 13.5061, 15.2990,
39.2874

■ 54.5335, 53.5819,
44.5144

■ 12.6047, 13.8561,
39.0564

■ 61.1873, 58.9208,
45.1942

■ 12.4840, 13.6593,
39.0248

■ 68.4200, 64.6367,
45.9163

■ 70.0315, 67.5342,
46.3906

Harmonies

Analogous

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



24.6273, 28.9534, 37.1263



25.8802, 28.9534, 41.2703



27.6218, 28.9534, 42.7293

Triad

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



25.8802, 28.9534, 41.2703



31.1947, 28.9534, 31.2330



25.7104, 28.9534, 23.6910

Complementary

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



25.8802, 28.9534, 41.2703



28.4847, 27.5725, 21.5907

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.



27.4171, 28.9534, 22.4740



25.8802, 28.9534, 41.2703



30.6294, 28.9534, 26.5180

Square

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



25.8802, 28.9534, 41.2703



30.7395, 28.9534, 36.5629



29.2263, 28.9534, 23.4495



24.5323, 28.9534, 26.9731

Rectangle

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



25.8802, 28.9534, 41.2703



28.8411, 28.9534, 41.8672



29.2263, 28.9534, 23.4495



26.2386, 28.9534, 23.0444

Sweetspot

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



25.8811, 28.9546, 41.2710



60.1497, 64.5919, 76.5223



26.2500, 33.7993, 28.7328



12.8784, 13.8725, 16.6510



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.



25.8811, 28.9546, 41.2710



43.5034, 49.2197, 74.4326



22.4295, 22.0514, 40.1204



7.5207, 8.0783, 9.5812



9.4769, 10.4139, 29.4861



0.2760, 0.3443, 0.7326

Inverse Universe

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



28.4515, 23.9929, 32.4109



49.0031, 39.1230, 55.3594



32.2491, 35.1013, 22.8455



7.7274, 7.6208, 8.8817



14.2841, 7.1223, 11.5735



0.3705, 0.1825, 0.4024

Previews

White Background



This preview shows how the XYZ color 25.8802, 28.9534, 41.2703 looks on a white background.

Color Contrast Check

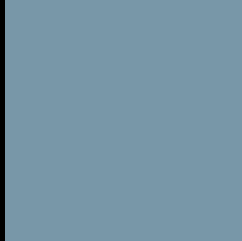
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8802, 28.9534, 41.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

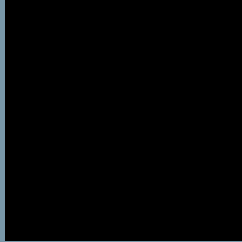
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

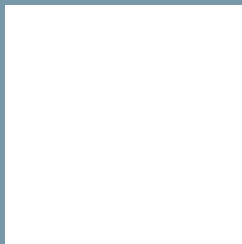
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8802, 28.9534, 41.2703

Background



This preview shows how black text looks on a background with the XYZ color 25.8802, 28.9534, 41.2703.



This preview shows how white text looks on a background with the XYZ color 25.8802, 28.9534,

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

25.8802, 28.9534, 41.2703

Protanopia

28.1539, 28.7708, 39.1914

Deuteranopia

29.4726, 28.9368, 42.0622



Tritanopia

25.5368, 29.0587, 39.3849

Trichromacy



Original Color

25.8802, 28.9534, 41.2703

Protanomaly

27.2169, 28.7349, 39.7092

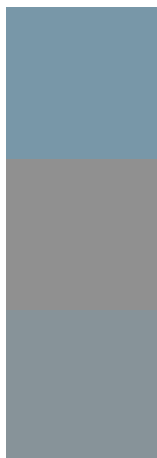
Deuteranomaly

27.9215, 28.8256, 41.6284

Tritanomaly

25.6275, 29.0950, 39.8625

Monochromacy



Original Color

25.8802, 28.9534, 41.2703

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1752, 28.3182, 34.2234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8802, 28.9534, 41.2703 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(120, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(120, 151, 168)  
}
```

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(120, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 151, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.8802, 28.9534, 41.2703 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(120, 151, 168) }
```


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

```
.border{ border-color:rgb(120, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(120, 151,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8802, 28.9534, 41.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 151, 168) }
```

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

```
.background{ background-color: rgb(120,  
151, 168) }
```

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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