

Converting Colors

XYZ(25.7489, 28.3902, 42.1530)

Have a look what the booklet for
XYZ(25.7489, 28.3902, 42.1530)
contains.

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Color

**XYZ(25.7489, 28.3902,
42.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	7895AA
RGB	120, 149, 170
RGB Percent	47%, 58%, 67%
CMY	0.5294, 0.4157, 0.3333
CMYK	0.29, 0.12, 0.00, 0.33
HSL	205°, 23%, 57%
HSV	205°, 29%, 67%
XYZ	25.7489, 28.3902, 42.1530
YIQ	142.7230, -24.0250, 0.3830

Conversions

Conversions Part 2

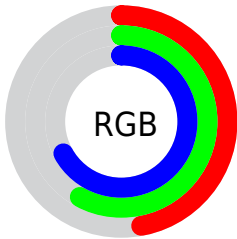
Format	Color
RYB	120, 138, 170
Decimal	7902634
CIELab	60.24, -5.09, -14.32
CIELCh	60, 15.196, 250.420
Yxy	28.3902, 0.2674, 0.2948
Android (android.graphics.Color)	4286092714 (0xFF7895AA)
YUV	142.7230, 13.4476, -19.9281
Hunter-Lab	53.2825, -6.9837, -9.6080

Details

The XYZ color $25.7489, 28.3902, 42.1530$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $29.4932, 28.9524, 21.8041$, and the grayscale version is $25.9537, 27.3053, 29.7355$.

A 20% lighter version of the original color is $52.1801, 57.0324, 79.4923$, and $10.1635, 11.3455, 18.7938$ is the 20% darker color. If you saturate the color by 10%, you get $22.5022, 25.0913, 41.6878$, and if you desaturate by 10%, it is $29.4852, 32.0457, 42.6621$.

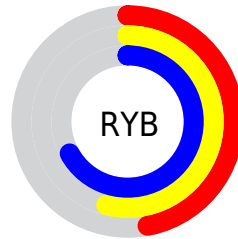
Distribution



Red (47%)

Green (58%)

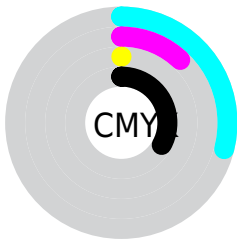
Blue (67%)



Red (47%)

Yellow (54%)

Blue (67%)

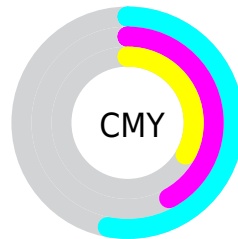


Cyan (29%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (42%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7489, 28.3902, 42.1530 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 25.7489, 28.3902, 42.1530 by changing the saturation by 10% instead.

■ 25.7489, 28.3902,
42.1530

■ 25.7489, 28.3902,
42.1530

273.8266,
294.3268, 370.9351

■ 16.7676, 18.6200,
28.8946

■ 52.3038, 57.1068,
79.7037

■ 10.1632, 11.3960,
18.7562

■ 70.6080, 76.8220,
104.8332

■ 5.5704, 6.3339,
11.3193

■ 92.7507, 100.6210,
134.7567

■ 2.6238, 3.0491,
6.1651

119.0970,
128.8882, 169.8929

■ 0.9581, 1.1574,
2.8753

150.0124,
162.0080, 210.6604

■ 0.0000, 0.0265,
1.0313

185.8623,

■ 0.0000, 0.0000,

200.3647, 257.4775

0.0000

227.0119,
244.3429, 310.7629

■ 25.7489, 28.3902,
42.1530

■ 25.7489, 28.3902,
42.1530

■ 22.5022, 25.0913,
41.6878

■ 29.4852, 32.0457,
42.6621

■ 19.7192, 22.1317,
41.2633

■ 33.7301, 36.0673,
43.2147

■ 17.3752, 19.4975,
40.8784

■ 38.5050, 40.4685,
43.8125

■ 15.4421, 17.1724,
40.5315

■ 43.8289, 45.2607,
44.4569

■ 13.8881, 15.1379,
40.2207

■ 49.7201, 50.4550,
45.1490

■ 12.6763, 13.3729,
39.9439

■ 56.1958, 56.0619,
45.8899

■ 11.7325, 11.8371,
39.6972

■ 63.2726, 62.0916,
46.6808

■ 11.6802, 11.7511,
39.6833

■ 70.5961, 68.3630,
47.5053

■ 72.3555, 71.8818,
48.0918

Harmonies

Analogous

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



24.2333, 28.3902, 38.3973



25.7489, 28.3902, 42.1530



27.6668, 28.3902, 42.7002

Triad

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



25.7489, 28.3902, 42.1530



30.8356, 28.3902, 29.0134



24.6289, 28.3902, 23.4476

Complementary

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



25.7489, 28.3902, 42.1530



29.4932, 28.9524, 21.8041

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.



26.3126, 28.3902, 21.5216



25.7489, 28.3902, 42.1530



29.9354, 28.3902, 24.4689

Square

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



25.7489, 28.3902, 42.1530



30.6668, 28.3902, 34.6458



28.2580, 28.3902, 21.8715



23.6086, 28.3902, 27.4568

Rectangle

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



25.7489, 28.3902, 42.1530



28.9242, 28.3902, 41.1092



28.2580, 28.3902, 21.8715



25.1327, 28.3902, 22.5583

Sweetspot

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



25.7498, 28.3913, 42.1537



61.4016, 65.6287, 78.4333



26.9165, 34.6613, 30.4068



13.4350, 14.3944, 17.4580



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7498, 28.3913, 42.1537



42.9509, 47.7118, 75.9474



22.2308, 21.3533, 40.9807



7.4796, 7.9960, 9.5675



8.6480, 8.7562, 29.2098



0.2593, 0.3108, 0.7270

Inverse Universe

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



28.7196, 24.1498, 31.5826



49.2936, 39.1984, 53.2485



33.5743, 37.1146, 23.1644



7.7067, 7.6125, 8.7724



13.8657, 6.9550, 9.3704



0.3620, 0.1791, 0.3580

Previews

White Background



This preview shows how the XYZ color 25.7489, 28.3902, 42.1530 looks on a white background.

Color Contrast Check

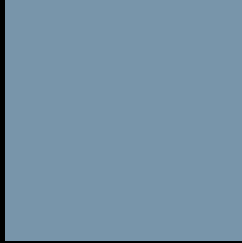
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7489, 28.3902, 42.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

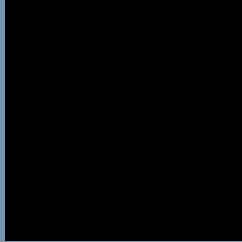
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

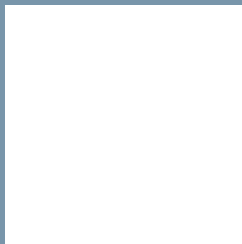
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7489, 28.3902, 42.1530

Background



This preview shows how black text looks on a background with the XYZ color 25.7489, 28.3902, 42.1530.



This preview shows how white text looks on a background with the XYZ color 25.7489, 28.3902,

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

25.7489, 28.3902, 42.1530

Protanopia

27.9328, 28.3993, 40.5686

Deuteranopia

28.8253, 28.1393, 42.9419



Tritanopia

24.8991, 28.2729, 38.3273

Trichromacy



Original Color

25.7489, 28.3902, 42.1530

Protanomaly

27.0196, 28.3715, 41.0979

Deuteranomaly

27.6405, 28.2052, 42.5154

Tritanomaly

25.3056, 28.4512, 39.7552

Monochromacy



Original Color

25.7489, 28.3902, 42.1530

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8668, 27.7016, 34.1206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7489, 28.3902, 42.1530 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, 149, 170)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 170)  
}
```

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, 149, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.7489, 28.3902, 42.1530 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, 149, 170) }
```


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

```
.border{ border-color:rgb(120, 149, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 149, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 149, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 149, 170);  
box-shadow:4px 4px 4px 4px rgb(120, 149,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7489, 28.3902, 42.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 170) }
```

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

```
.background{ background-color: rgb(120,  
149, 170) }
```

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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