

Converting Colors

XYZ(25.5616, 29.0221, 42.8094)

Have a look what the booklet for
XYZ(25.5616, 29.0221, 42.8094)
contains.

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Color

**XYZ(25.5184, 28.9742,
42.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	7298AB
RGB	114, 152, 171
RGB Percent	45%, 60%, 67%
CMY	0.5529, 0.4039, 0.3294
CMYK	0.33, 0.11, 0.00, 0.33
HSL	200°, 25%, 56%
HSV	200°, 33%, 67%
XYZ	25.5184, 28.9742, 42.7757
YIQ	142.8040, -28.7470, -2.1470

Conversions

Conversions Part 2

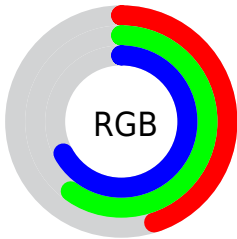
Format	Color
RYB	114, 137, 171
Decimal	7510187
CIELab	60.76, -8.30, -14.14
CIElCh	61, 16.392, 239.585
Yxy	28.9742, 0.2624, 0.2979
Android (android.graphics.Color)	4285700267 (0xFF7298AB)
YUV	142.8040, 13.9006, -25.2611
Hunter-Lab	53.8277, -9.5759, -9.4371

Details

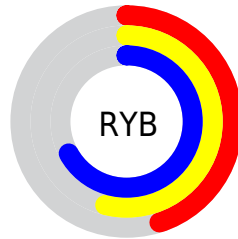
The XYZ color **25.5184, 28.9742, 42.7757** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.2199, 26.6483, 19.5767**, and the grayscale version is **25.9856, 27.3389, 29.7721**.

A 20% lighter version of the original color is **51.7351, 57.8491, 80.3908**, and **10.0334, 11.6960, 19.1815** is the 20% darker color. If you saturate the color by 10%, you get **22.5959, 26.1278, 42.3808**, and if you desaturate by 10%, it is **28.9030, 32.1262, 43.2062**.

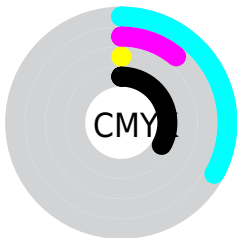
Distribution



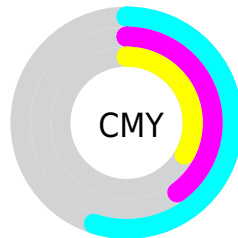
- Red (45%)
- Green (60%)
- Blue (67%)



- Red (45%)
- Yellow (54%)
- Blue (67%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (55%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5184, 28.9742, 42.7757 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 25.5184, 28.9742, 42.7757 by changing the saturation by 10% instead.

■ 25.5184, 28.9742,
42.7757

■ 25.5184, 28.9742,
42.7757

272.7101,
297.0932, 373.5826

■ 16.5945, 19.0613,
29.3791

■ 51.9338, 58.0361,
80.6550

■ 10.0393, 11.7146,
19.1197

■ 70.1561, 77.9539,
105.9747

■ 5.4875, 6.5496,
11.5791

■ 92.2085, 101.9754,
136.1059

■ 2.5737, 3.1821,
6.3387

118.4564,
130.4851, 171.4671

■ 0.9326, 1.2275,
2.9800

149.2651,
163.8673, 212.4768

■ 0.0000, 0.0840,
1.0844

185.0001,

■ 0.0000, 0.0000,

202.5065, 259.5536

0.0000

226.0266,
246.7870, 313.1160

■ 25.5184, 28.9742,
42.7757

■ 25.5184, 28.9742,
42.7757

■ 22.5959, 26.1278,
42.3808

■ 28.9030, 32.1262,
43.2062

■ 20.1089, 23.5703,
42.0182

■ 32.7690, 35.5926,
43.6715

■ 18.0323, 21.2885,
41.6873

■ 37.1379, 39.3860,
44.1735

■ 16.3369, 19.2664,
41.3863

■ 42.0289, 43.5173,
44.7131

■ 14.9893, 17.4858,
41.1137

■ 47.4603, 47.9966,
45.2914

■ 13.9497, 15.9253,
40.8672

■ 53.4495, 52.8338,
45.9094

■ 13.3686, 14.9760,
40.7146

■ 60.0130, 58.0381,
46.5680

■ 67.1665, 63.6186,
47.2681

■ 70.0175, 67.0538,
47.7809

Harmonies

Analogous

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



24.1307, 28.9742, 37.6968



25.5184, 28.9742, 42.7757



27.5095, 28.9742, 44.7822

Triad

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



25.5184, 28.9742, 42.7757



31.8384, 28.9742, 31.6330



25.5673, 28.9742, 22.4122

Complementary

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



25.5184, 28.9742, 42.7757



28.2199, 26.6483, 19.5767

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.



27.5688, 28.9742, 21.2175



25.5184, 28.9742, 42.7757



31.2543, 28.9742, 26.1070

Square

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



25.5184, 28.9742, 42.7757



31.2220, 28.9742, 37.8627



29.6638, 28.9742, 22.4799



24.1579, 28.9742, 25.9776

Rectangle

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



25.5184, 28.9742, 42.7757



28.9341, 28.9742, 43.9315



29.6638, 28.9742, 22.4799



26.1897, 28.9742, 21.7422

Sweetspot

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



25.5193, 28.9753, 42.7764



61.0568, 65.8232, 78.4890



25.6713, 34.3712, 27.1298



13.3848, 14.4767, 17.4765



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.



25.5193, 28.9753, 42.7764



41.7644, 48.0803, 76.0811



21.5551, 21.0469, 41.4550



8.0080, 8.6154, 10.1936



10.1277, 11.3892, 30.7091



0.3293, 0.4119, 0.8701

Inverse Universe

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



28.4802, 22.9604, 32.6378



48.0255, 36.1290, 54.4698



32.4988, 35.2062, 21.0030



8.2219, 8.1020, 9.4791



14.9756, 7.4528, 12.7830



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 25.5184, 28.9742, 42.7757 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 25.5184, 28.9742, 42.7757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

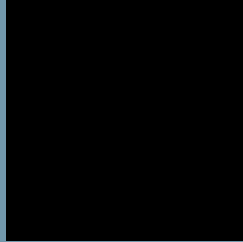
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5184, 28.9742, 42.7757

Background



This preview shows how black text looks on a background with the XYZ color 25.5184, 28.9742, 42.7757.



This preview shows how white text looks on a background with the XYZ color 25.5184, 28.9742,

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

25.5184, 28.9742, 42.7757

Protanopia

28.3360, 28.8436, 40.1503

Deuteranopia

29.3979, 28.8651, 43.5572



Tritanopia

24.9928, 29.0098, 39.8795

Trichromacy



Original Color

25.5184, 28.9742, 42.7757

Protanomaly

27.1735, 28.9125, 41.1943

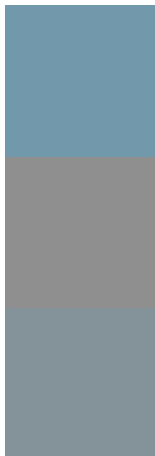
Deuteranomaly

27.7170, 28.6872, 43.1061

Tritanomaly

25.1763, 29.0832, 40.8459

Monochromacy



Original Color

25.5184, 28.9742, 42.7757

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5444, 27.7632, 34.1495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5184, 28.9742, 42.7757 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(114, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(114, 152, 171)  
}
```

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(114, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 152, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.5184, 28.9742, 42.7757 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(114, 152, 171) }
```


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

```
.border{ border-color:rgb(114, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(114, 152,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5184, 28.9742, 42.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 152, 171) }
```

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

```
.background{ background-color: rgb(114,  
152, 171) }
```

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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