

Converting Colors

XYZ(25.5786, 28.4176, 46.1534)

Have a look what the booklet for
XYZ(25.5786, 28.4176, 46.1534)
contains.

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Color

**XYZ(25.6243, 28.4718,
46.2645)**

Conversions

Conversions Part 1

Format	Color
Hex	7096B2
RGB	112, 150, 178
RGB Percent	44%, 59%, 70%
CMY	0.5608, 0.4118, 0.3020
CMYK	0.37, 0.16, 0.00, 0.30
HSL	205°, 30%, 57%
HSV	205°, 37%, 70%
XYZ	25.6243, 28.4718, 46.2645
YIQ	141.8300, -31.6360, 0.6520

Conversions

Conversions Part 2

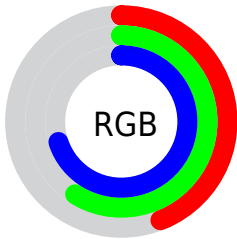
Format	Color
RYB	112, 136, 178
Decimal	7378610
CIELab	60.31, -5.93, -18.78
CIElCh	60, 19.698, 252.481
Yxy	28.4718, 0.2553, 0.2837
Android (android.graphics.Color)	4285568690 (0xFF7096B2)
YUV	141.8300, 17.8318, -26.1609
Hunter-Lab	53.3590, -7.6581, -14.0557

Details

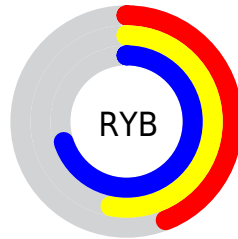
The XYZ color **25.6243, 28.4718, 46.2645** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **30.6633, 29.3914, 19.3870**, and the grayscale version is **25.5855, 26.9179, 29.3136**.

A 20% lighter version of the original color is **52.1700, 57.2332, 86.1394**, and **10.0270, 11.3650, 21.0672** is the 20% darker color. If you saturate the color by 10%, you get **22.4132, 25.0855, 45.7806**, and if you desaturate by 10%, it is **29.3626, 32.2465, 46.7966**.

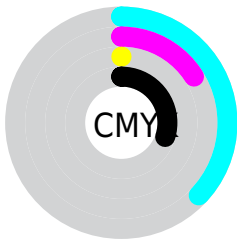
Distribution



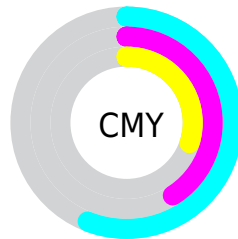
- Red (44%)
- Green (59%)
- Blue (70%)



- Red (44%)
- Yellow (53%)
- Blue (70%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6243, 28.4718, 46.2645 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 25.6243, 28.4718, 46.2645 by changing the saturation by 10% instead.

■ 25.6243, 28.4718,
46.2645

■ 25.6243, 28.4718,
46.2645

273.2235,
294.7145, 388.1794

■ 16.6740, 18.6816,
32.1044

■ 52.1039, 57.2368,
85.9532

■ 10.0962, 11.4404,
21.1758

■ 70.3638, 76.9804,
112.3188

■ 5.5255, 6.3639,
13.0601

■ 92.4577, 100.8107,
143.5901

■ 2.5967, 3.0676,
7.3387

■ 118.7509,
129.1119, 180.1855

■ 0.9443, 1.1671,
3.5932

149.6087,
162.2685, 222.5236

■ 0.0000, 0.0346,
1.4049

185.3965,

■ 0.0000, 0.0000,

200.6648, 271.0229

0.1456

226.4797,
244.6854, 326.1020

■ 0.0000, 0.0000,
0.0000

■ 25.6243, 28.4718,
46.2645

■ 25.6243, 28.4718,
46.2645

■ 22.4132, 25.0855,
45.7806

■ 29.3626, 32.2465,
46.7966

■ 19.6986, 22.0676,
45.3412

■ 33.6511, 36.4216,
47.3764

■ 17.4507, 19.4012,
44.9450

■ 38.5148, 41.0126,
48.0062

■ 15.6347, 17.0661,
44.5900

■ 43.9760, 46.0331,
48.6874

■ 14.2108, 15.0394,
44.2738

■ 50.0560, 51.4959,
49.4214

■ 13.1217, 13.2892,
43.9934

■ 56.7749, 57.4133,
50.2095

■ 12.8355, 12.8134,
43.9167

■ 64.1519, 63.7972,
51.0529

■ 72.2054, 70.6587,
51.9528

■ 74.3380, 74.5985,
52.6009

Harmonies

Analogous

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



23.6321, 28.4718, 41.3868



25.6243, 28.4718, 46.2645



28.1259, 28.4718, 46.6795

Triad

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



25.6243, 28.4718, 46.2645



32.0914, 28.4718, 28.0883



23.9093, 28.4718, 21.8243

Complementary

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



25.6243, 28.4718, 46.2645



30.6633, 29.3914, 19.3870

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.



26.0245, 28.4718, 19.2967



25.6243, 28.4718, 46.2645



30.8078, 28.4718, 22.5165

Square

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



25.6243, 28.4718, 46.2645



31.9676, 28.4718, 35.3841



28.5516, 28.4718, 19.5286



22.6851, 28.4718, 26.9956

Rectangle

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



25.6243, 28.4718, 46.2645



29.7573, 28.4718, 44.2923



28.5516, 28.4718, 19.5286



24.5338, 28.4718, 20.6763

Sweetspot

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



25.6252, 28.4729, 46.2652



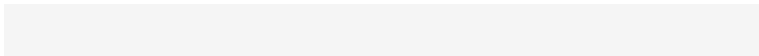
66.0870, 70.8560, 86.5746



27.3000, 37.1648, 30.3535



14.3798, 15.4512, 19.1467



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.6252, 28.4729, 46.2652



41.9114, 46.8524, 83.2156



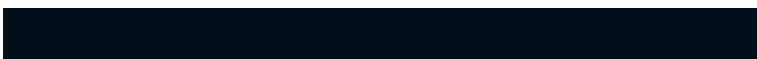
21.1384, 19.4993, 44.7696



8.4346, 9.0154, 10.8019



9.2472, 9.2947, 31.4437



0.3473, 0.4051, 1.0081

Inverse Universe

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



29.6600, 23.2561, 31.7810



50.4273, 36.7783, 52.4350



36.1331, 40.3311, 21.2103



8.6946, 8.5845, 9.8900



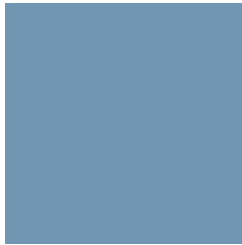
14.9022, 7.4784, 9.9109



0.4973, 0.2467, 0.4616

Previews

White Background



This preview shows how the XYZ color 25.6243, 28.4718, 46.2645 looks on a white background.

Color Contrast Check

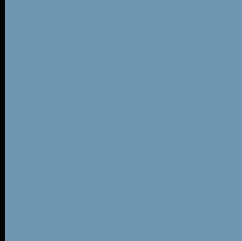
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6243, 28.4718, 46.2645 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

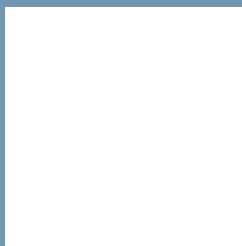
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6243, 28.4718, 46.2645

Background



This preview shows how black text looks on a background with the XYZ color 25.6243, 28.4718, 46.2645.



This preview shows how white text looks on a background with the XYZ color 25.6243, 28.4718,

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

25.6243, 28.4718, 46.2645

Protanopia

28.2607, 28.4915, 44.0543

Deuteranopia

28.8957, 28.3040, 47.1203



Tritanopia

24.3264, 28.4243, 39.8016

Trichromacy



Original Color

25.6243, 28.4718, 46.2645

Protanomaly

27.0700, 28.3200, 44.5970

Deuteranomaly

27.4680, 28.2513, 46.6532

Tritanomaly

24.7527, 28.3505, 42.1978

Monochromacy



Original Color

25.6243, 28.4718, 46.2645

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4019, 27.4427, 34.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6243, 28.4718, 46.2645 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(112, 150, 178)` looks like.

```
.text, #text, p{  
    color:rgb(112, 150, 178)  
}
```

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(112, 150, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 150, 178) }
```

Border

The CSS property to change the border of an element to XYZ 25.6243, 28.4718, 46.2645 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(112, 150, 178) }
```


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

```
.border{ border-color:rgb(112, 150, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 150, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 150, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 150, 178);  
box-shadow:4px 4px 4px 4px rgb(112, 150,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6243, 28.4718, 46.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 150, 178) }
```

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

```
.background{ background-color: rgb(112,  
150, 178) }
```

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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