

Converting Colors

XYZ(25.9878, 28.8737, 47.3828)

Have a look what the booklet for
XYZ(25.9878, 28.8737, 47.3828)
contains.

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Color

**XYZ(25.9869, 28.8732,
47.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	7097B4
RGB	112, 151, 180
RGB Percent	44%, 59%, 71%
CMY	0.5608, 0.4078, 0.2941
CMYK	0.38, 0.16, 0.00, 0.29
HSL	206°, 31%, 57%
HSV	206°, 38%, 71%
XYZ	25.9869, 28.8732, 47.3835
YIQ	142.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

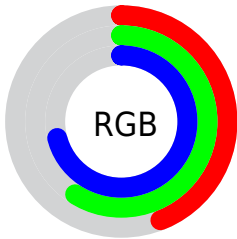
Format	Color
R _Y B	112, 137, 180
Decimal	7378868
CIE Lab	60.67, -5.95, -19.37
CIE LCh	61, 20.265, 252.921
Yxy	28.8732, 0.2542, 0.2824
Android (android.graphics.Color)	4285568948 (0xFF7097B4)
YUV	142.6450, 18.4160, -26.8757
Hunter-Lab	53.7338, -7.7074, -14.6694

Details

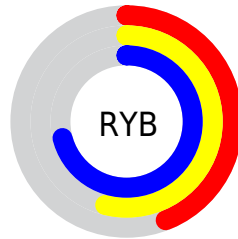
The XYZ color **25.9869, 28.8732, 47.3835** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **31.2725, 29.9235, 19.4577**, and the grayscale version is **25.9060, 27.2552, 29.6809**.

A 20% lighter version of the original color is **52.6975, 57.8258, 87.7409**, and **10.2514, 11.6073, 21.7788** is the 20% darker color. If you saturate the color by 10%, you get **22.7262, 25.4182, 46.8890**, and if you desaturate by 10%, it is **29.7877, 32.7274, 47.9276**.

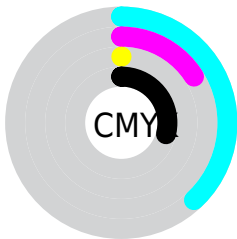
Distribution



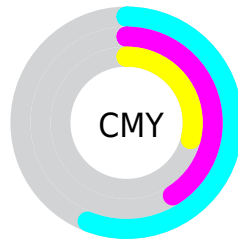
- Red (44%)
- Green (59%)
- Blue (71%)



- Red (44%)
- Yellow (54%)
- Blue (71%)



- Cyan (38%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9869, 28.8732, 47.3835 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 25.9869, 28.8732, 47.3835 by changing the saturation by 10% instead.

■ 25.9869, 28.8732,
47.3835

■ 25.9869, 28.8732,
47.3835

274.9756,
296.6162, 392.7812

■ 16.9465, 18.9849,
32.9824

■ 52.6853, 57.8756,
87.6418

■ 10.2914, 11.6594,
21.8420

■ 71.0739, 77.7584,
114.3360

■ 5.6563, 6.5122,
13.5436

■ 93.3093, 101.7416,
145.9650

■ 2.6759, 3.1590,
7.6688

■ 119.7569,
130.2095, 182.9474

■ 0.9848, 1.2153,
3.7991

150.7820,
163.5466, 225.7017

■ 0.0000, 0.0741,
1.5158

186.7499,

■ 0.0000, 0.0000,

202.1371, 274.6464

0.2296

228.0260,
246.3655, 330.2001

■ 0.0000, 0.0000,
0.0000

■ 25.9869, 28.8732,
47.3835

■ 25.9869, 28.8732,
47.3835

■ 22.7262, 25.4182,
46.8890

■ 29.7877, 32.7274,
47.9276

■ 19.9740, 22.3418,
46.4402

■ 34.1525, 36.9933,
48.5210

■ 17.6991, 19.6264,
46.0360

■ 39.1070, 41.6870,
49.1658

■ 15.8658, 17.2511,
45.6742

■ 44.6745, 46.8225,
49.8636

■ 14.4322, 15.1918,
45.3522

■ 50.8767, 52.4131,
50.6158

■ 13.3344, 13.4130,
45.0668

■ 57.7346, 58.4715,
51.4238

■ 13.1123, 13.0432,
45.0071

■ 65.2679, 65.0100,
52.2888

■ 73.1252, 71.8491,
53.1947

■ 75.0950, 75.7887,
53.8513

Harmonies

Analogous

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



23.9096, 28.8732, 42.3479



25.9869, 28.8732, 47.3835



28.5875, 28.8732, 47.7414

Triad

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



25.9869, 28.8732, 47.3835



32.6639, 28.8732, 28.3146



24.1467, 28.8732, 21.9941

Complementary

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



25.9869, 28.8732, 47.3835



31.2725, 29.9235, 19.4577

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.



26.3296, 28.8732, 19.3462



25.9869, 28.8732, 47.3835



31.3087, 28.8732, 22.5839

Square

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



25.9869, 28.8732, 47.3835



32.5575, 28.8732, 35.8786



28.9527, 28.8732, 19.5433



22.8945, 28.8732, 27.3798

Rectangle

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



25.9869, 28.8732, 47.3835



30.2794, 28.8732, 45.2040



28.9527, 28.8732, 19.5433



24.7897, 28.8732, 20.7958

Sweetspot

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



25.9878, 28.8743, 47.3842



67.7208, 72.5941, 88.7374



27.7623, 37.9912, 30.8107



14.3761, 15.4438, 19.1455



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.



25.9878, 28.8743, 47.3842



42.3178, 47.2892, 85.1919



21.3604, 19.6194, 45.8417



8.4330, 9.0122, 10.8014



9.2191, 9.2386, 31.4343



0.3465, 0.4035, 1.0079

Inverse Universe

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



30.2033, 23.5269, 32.2285



51.2315, 37.0019, 52.9160



36.9482, 41.2749, 21.3496



8.6938, 8.5842, 9.8858



14.8880, 7.4728, 9.8364



0.4969, 0.2465, 0.4595

Previews

White Background



This preview shows how the XYZ color 25.9869, 28.8732, 47.3835 looks on a white background.

Color Contrast Check

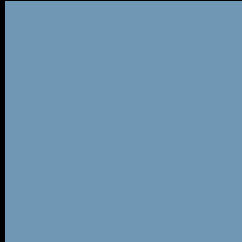
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9869, 28.8732, 47.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

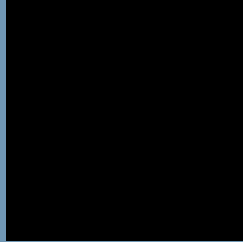
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9869, 28.8732, 47.3835

Background



This preview shows how black text looks on a background with the XYZ color 25.9869, 28.8732, 47.3835.

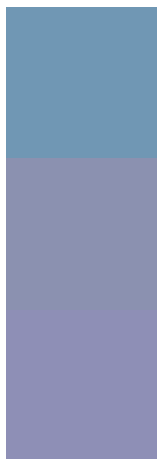


This preview shows how white text looks on a background with the XYZ color 25.9869, 28.8732,

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

25.9869, 28.8732, 47.3835

Protanopia

28.6093, 28.8744, 45.1397

Deuteranopia

29.4213, 28.7731, 48.2591



Tritanopia

24.4585, 28.7238, 40.3315

Trichromacy



Original Color

25.9869, 28.8732, 47.3835

Protanomaly

27.4228, 28.7089, 45.6910

Deuteranomaly

27.9794, 28.7193, 47.7848

Tritanomaly

24.8856, 28.6480, 42.7461

Monochromacy



Original Color

25.9869, 28.8732, 47.3835

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7954, 27.8636, 35.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9869, 28.8732, 47.3835 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, 151, 180)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 180)  
}
```

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, 151, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.9869, 28.8732, 47.3835 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, 151, 180) }
```


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

```
.border{ border-color:rgb(112, 151, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 151, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 151, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 151, 180);  
box-shadow:4px 4px 4px 4px rgb(112, 151,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9869, 28.8732, 47.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 151, 180) }
```

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

```
.background{ background-color: rgb(112,  
151, 180) }
```

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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