

Converting Colors

XYZ(25.9552, 28.1233, 48.4197)

Have a look what the booklet for
XYZ(25.9552, 28.1233, 48.4197)
contains.

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Color

**XYZ(25.9728, 28.1346,
48.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	7294B6
RGB	114, 148, 182
RGB Percent	45%, 58%, 71%
CMY	0.5529, 0.4196, 0.2863
CMYK	0.37, 0.19, 0.00, 0.29
HSL	210°, 32%, 58%
HSV	210°, 37%, 71%
XYZ	25.9728, 28.1346, 48.3176
YIQ	141.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

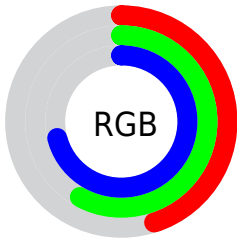
Format	Color
RYB	114, 137, 182
Decimal	7509174
CIELab	60.01, -3.17, -21.50
CIElCh	60, 21.730, 261.616
Yxy	28.1346, 0.2536, 0.2747
Android (android.graphics.Color)	4285699254 (0xFF7294B6)
YUV	141.7100, 19.8630, -24.3017
Hunter-Lab	53.0421, -5.4185, -16.8796

Details

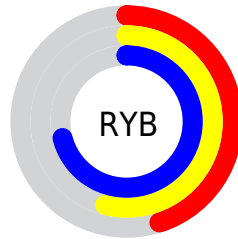
The XYZ color **25.9728, 28.1346, 48.3176** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.9191, 32.3403, 20.4277**, and the grayscale version is **25.5303, 26.8598, 29.2503**.

A 20% lighter version of the original color is **52.7016, 56.7389, 89.0630**, and **10.2237, 11.1585, 22.3838** is the 20% darker color. If you saturate the color by 10%, you get **22.4653, 24.2907, 47.7610**, and if you desaturate by 10%, it is **30.0654, 32.4480, 48.9350**.

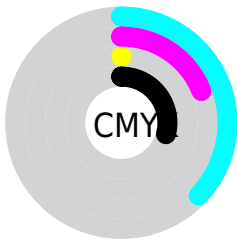
Distribution



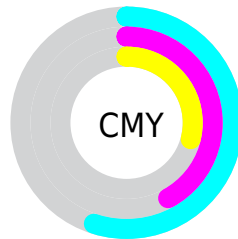
- Red (45%)
- Green (58%)
- Blue (71%)



- Red (45%)
- Yellow (54%)
- Blue (71%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9728, 28.1346, 48.3176 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 25.9728, 28.1346, 48.3176 by changing the saturation by 10% instead.

■ 25.9728, 28.1346,
48.3176

■ 25.9728, 28.1346,
48.3176

274.9077,
293.1095, 396.5946

■ 16.9359, 18.4271,
33.7167

■ 52.6627, 56.6993,
89.0476

■ 10.2838, 11.2571,
22.4004

■ 71.0463, 76.3253,
116.0137

■ 5.6512, 6.2400,
13.9503

■ 93.2763, 100.0262,
147.9386

■ 2.6728, 2.9916,
7.9478

119.7178,
128.1866, 185.2409

■ 0.9832, 1.1273,
3.9742

150.7364,
161.1907, 228.3392

■ 0.0000, 0.0011,
1.6112

186.6973,

■ 0.0000, 0.0000,

199.4230, 277.6518

0.2988

227.9660,
243.2678, 333.5974

■ 0.0000, 0.0000,
0.0000

■ 25.9728, 28.1346,
48.3176

■ 25.9728, 28.1346,
48.3176

■ 22.4653, 24.2907,
47.7610

■ 30.0654, 32.4480,
48.9350

■ 19.5095, 20.8933,
47.2610

■ 34.7686, 37.2458,
49.6132

■ 17.0725, 17.9223,
46.8160

■ 40.1096, 42.5463,
50.3547

■ 15.1166, 15.3540,
46.4234

■ 46.1131, 48.3656,
51.1616

■ 13.5980, 13.1617,
46.0803

■ 52.8024, 54.7192,
52.0354

■ 12.4536, 11.3082,
45.7828

■ 60.1997, 61.6217,
52.9778

■ 12.1849, 10.8601,
45.7105

■ 68.3260, 69.0871,
53.9905

■ 75.4876, 76.2454,
54.9947

■ 77.9529, 81.1760,
55.8165

Harmonies

Analogous

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



23.5715, 28.1346, 44.1986



25.9728, 28.1346, 48.3176



28.7495, 28.1346, 47.0965

Triad

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



25.9728, 28.1346, 48.3176



31.9990, 28.1346, 25.3560



22.7833, 28.1346, 22.1127

Complementary

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



25.9728, 28.1346, 48.3176



32.9191, 32.3403, 20.4277

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.



24.8285, 28.1346, 18.5387



25.9728, 28.1346, 48.3176



30.1828, 28.1346, 20.1741

Square

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



25.9728, 28.1346, 48.3176



32.3580, 28.1346, 32.9097



27.5244, 28.1346, 17.8960



21.8150, 28.1346, 28.4653

Rectangle

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



25.9728, 28.1346, 48.3176



30.4328, 28.1346, 43.4967



27.5244, 28.1346, 17.8960



23.3607, 28.1346, 20.5953

Sweetspot

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



25.9737, 28.1357, 48.3183



68.8746, 73.3504, 90.7637



28.9241, 39.1363, 33.5793



14.9221, 15.9132, 20.0067



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.9737, 28.1357, 48.3183



41.6778, 45.0982, 86.7439



21.5296, 19.2475, 46.8369



8.8821, 9.4414, 11.4337



8.6713, 7.8022, 32.3020



0.3676, 0.3988, 1.1594

Inverse Universe

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



30.6548, 24.1186, 31.0578



51.6454, 37.5629, 49.7619



38.8260, 44.1541, 22.3966



9.1868, 9.0851, 10.3313



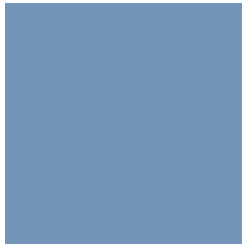
14.9905, 7.5700, 7.8369



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 25.9728, 28.1346, 48.3176 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 25.9728, 28.1346, 48.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

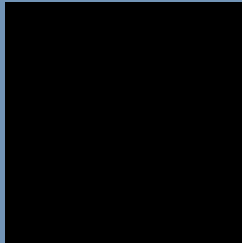
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

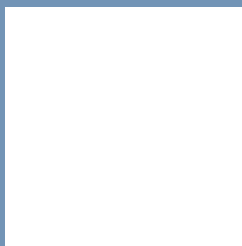
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9728, 28.1346, 48.3176

Background



This preview shows how black text looks on a background with the XYZ color 25.9728, 28.1346, 48.3176.



This preview shows how white text looks on a background with the XYZ color 25.9728, 28.1346,

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

25.9728, 28.1346, 48.3176

Protanopia

28.0117, 28.0935, 46.0657

Deuteranopia

28.7015, 28.1682, 48.7240



Tritanopia

23.9841, 28.0288, 38.7963

Trichromacy



Original Color

25.9728, 28.1346, 48.3176

Protanomaly

27.1642, 28.0947, 46.6389

Deuteranomaly

27.5738, 28.0325, 48.7573

Tritanomaly

24.7176, 28.0945, 42.1502

Monochromacy



Original Color

25.9728, 28.1346, 48.3176

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5748, 27.2864, 35.8171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9728, 28.1346, 48.3176 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, 148, 182)` looks like.

```
.text, #text, p{  
    color:rgb(114, 148, 182)  
}
```

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, 148, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 148, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.9728, 28.1346, 48.3176 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, 148, 182) }
```


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

```
.border{ border-color:rgb(114, 148, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 148, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 148, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 148, 182);  
box-shadow:4px 4px 4px 4px rgb(114, 148,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9728, 28.1346, 48.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 148, 182) }
```

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

```
.background{ background-color: rgb(114,  
148, 182) }
```

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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