

Converting Colors

XYZ(25.8209, 28.7109, 46.7032)

Have a look what the booklet for
XYZ(25.8209, 28.7109, 46.7032)
contains.

XYZ(25.8854, 28.8326, 46.8488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8854, 28.8326,
46.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	7097B3
RGB	112, 151, 179
RGB Percent	44%, 59%, 70%
CMY	0.5608, 0.4078, 0.2980
CMYK	0.37, 0.16, 0.00, 0.30
HSL	205°, 31%, 57%
HSV	205°, 37%, 70%
XYZ	25.8854, 28.8326, 46.8488
YIQ	142.5310, -32.2320, 0.4400

Conversions

Conversions Part 2

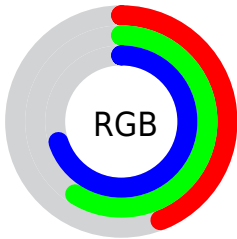
Format	Color
RYB	112, 137, 179
Decimal	7378867
CIELab	60.63, -6.22, -18.86
CIElCh	61, 19.860, 251.749
Yxy	28.8326, 0.2549, 0.2839
Android (android.graphics.Color)	4285568947 (0xFF7097B3)
YUV	142.5310, 17.9792, -26.7757
Hunter-Lab	53.6960, -7.9179, -14.1423

Details

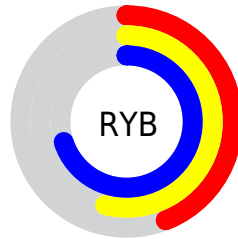
The XYZ color **25.8854, 28.8326, 46.8488** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **30.8938, 29.5104, 19.3980**, and the grayscale version is **25.8624, 27.2093, 29.6309**.

A 20% lighter version of the original color is **52.5526, 57.7678, 86.9777**, and **10.1865, 11.5814, 21.4372** is the 20% darker color. If you saturate the color by 10%, you get **22.6645, 25.4419, 46.3646**, and if you desaturate by 10%, it is **29.6373, 32.6117, 47.3810**.

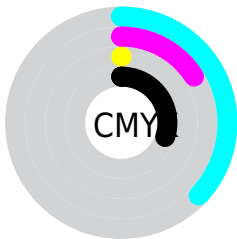
Distribution



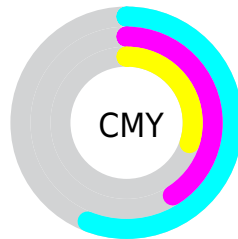
- Red (44%)
- Green (59%)
- Blue (70%)



- Red (44%)
- Yellow (54%)
- 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 25.8854, 28.8326, 46.8488 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 25.8854, 28.8326, 46.8488 by changing the saturation by 10% instead.

■ 25.8854, 28.8326,
46.8488

■ 25.8854, 28.8326,
46.8488

274.4861,
296.4243, 390.5870

■ 16.8702, 18.9542,
32.5627

■ 52.5226, 57.8110,
86.8355

■ 10.2367, 11.6372,
21.5233

■ 70.8753, 77.6798,
113.3731

■ 5.6196, 6.4972,
13.3121

■ 93.0712, 101.6476,
144.8317

■ 2.6537, 3.1497,
7.5105

■ 119.4757,
130.0987, 181.6297

■ 0.9734, 1.2104,
3.7001

150.4540,
163.4175, 224.1857

■ 0.0000, 0.0701,
1.4623

186.3716,

■ 0.0000, 0.0000,

201.9885, 272.9182

0.1896

227.5939,
246.1959, 328.2458

■ 0.0000, 0.0000,
0.0000

■ 25.8854, 28.8326,
46.8488

■ 25.8854, 28.8326,
46.8488

■ 22.6645, 25.4419,
46.3646

■ 29.6373, 32.6117,
47.3810

■ 19.9435, 22.4196,
45.9246

■ 33.9436, 36.7915,
47.9608

■ 17.6919, 19.7485,
45.5277

■ 38.8294, 41.3874,
48.5904

■ 15.8748, 17.4083,
45.1718

■ 44.3177, 46.4132,
49.2712

■ 14.4512, 15.3757,
44.8545

■ 50.4297, 51.8819,
50.0046

■ 13.3608, 13.6172,
44.5726

■ 57.1860, 57.8057,
50.7920

■ 13.1069, 13.1949,
44.5044

■ 64.6059, 64.1965,
51.6344

■ 72.6329, 71.0269,
52.5298

■ 74.5330, 74.8272,
53.1631

Harmonies

Analogous

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



23.8796, 28.8326, 41.7952



25.8854, 28.8326, 46.8488



28.4234, 28.8326, 47.3936

Triad

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



25.8854, 28.8326, 46.8488



32.5345, 28.8326, 28.5985



24.2431, 28.8326, 21.9721

Complementary

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



25.8854, 28.8326, 46.8488



30.8938, 29.5104, 19.3980

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.



26.4103, 28.8326, 19.4734



25.8854, 28.8326, 46.8488



31.2603, 28.8326, 22.8794

Square

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



25.8854, 28.8326, 46.8488



32.3721, 28.8326, 36.0394



28.9819, 28.8326, 19.7772



22.9731, 28.8326, 27.1656

Rectangle

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



25.8854, 28.8326, 46.8488



30.0887, 28.8326, 45.0364



28.9819, 28.8326, 19.7772



24.8849, 28.8326, 20.8287

Sweetspot

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



25.8863, 28.8337, 46.8495



66.1297, 70.9414, 86.5888



27.5305, 37.5766, 30.5816



14.3904, 15.4722, 19.1502



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.



25.8863, 28.8337, 46.8495



41.4901, 46.5320, 83.1760



21.2491, 19.5593, 45.3037



8.4391, 9.0244, 10.8034



9.3272, 9.4548, 31.4704



0.3495, 0.4096, 1.0089

Inverse Universe

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



29.9713, 23.4073, 32.2177



50.0872, 36.1541, 52.1486



36.5393, 40.8014, 21.2798



8.6968, 8.5854, 9.9019



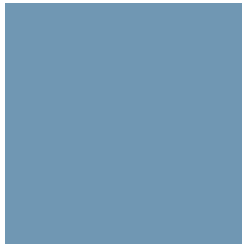
14.9426, 7.4946, 10.1237



0.4985, 0.2471, 0.4675

Previews

White Background



This preview shows how the XYZ color 25.8854, 28.8326, 46.8488 looks on a white background.

Color Contrast Check

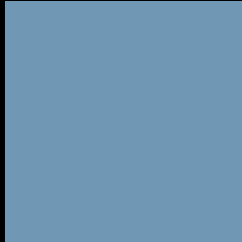
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8854, 28.8326, 46.8488 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

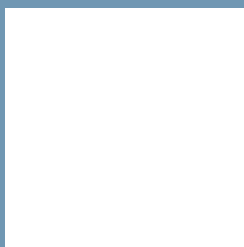
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8854, 28.8326, 46.8488

Background



This preview shows how black text looks on a background with the XYZ color 25.8854, 28.8326, 46.8488.



This preview shows how white text looks on a background with the XYZ color 25.8854, 28.8326,

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

25.8854, 28.8326, 46.8488

Protanopia

28.3586, 28.5306, 44.5697

Deuteranopia

29.3183, 28.7319, 47.7166



Tritanopia

24.5808, 28.7868, 40.3373

Trichromacy



Original Color

25.8854, 28.8326, 46.8488

Protanomaly

27.3235, 28.6692, 45.1679

Deuteranomaly

27.8772, 28.6784, 47.2462

Tritanomaly

25.0093, 28.7117, 42.7519

Monochromacy



Original Color

25.8854, 28.8326, 46.8488

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 25.8854, 28.8326, 46.8488 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.8854, 28.8326, 46.8488 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, 179) }
```


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

```
.border{ border-color:rgb(112, 151, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 151, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 151, 179);  
box-shadow:4px 4px 4px 4px rgb(112, 151,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8854, 28.8326, 46.8488 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, 179) }
```

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

```
.background{ background-color: rgb(112,  
151, 179) }
```

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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