

Converting Colors

XYZ(25.8600, 31.5077, 38.4368)

Have a look what the booklet for
XYZ(25.8600, 31.5077, 38.4368)
contains.

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Color

**XYZ(25.8600, 31.5077,
38.4368)**

Conversions

Conversions Part 1

Format	Color
Hex	70A1A1
RGB	112, 161, 161
RGB Percent	44%, 63%, 63%
CMY	0.5608, 0.3686, 0.3686
CMYK	0.30, 0.00, 0.00, 0.37
HSL	180°, 21%, 54%
HSV	180°, 30%, 63%
XYZ	25.8600, 31.5077, 38.4368
YIQ	146.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

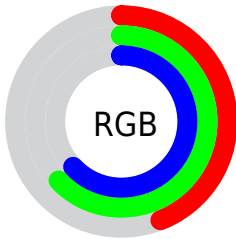
Format	Color
RYB	112, 137, 161
Decimal	7381409
CIELab	62.93, -16.24, -5.26
CIElCh	63, 17.070, 197.933
Yxy	31.5077, 0.2699, 0.3289
Android (android.graphics.Color)	4285571489 (0xFF70A1A1)
YUV	146.3490, 7.2229, -30.1241
Hunter-Lab	56.1317, -15.9952, -1.3073

Details

The XYZ color **25.8600, 31.5077, 38.4368** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.4179, 20.3362, 18.0216**, and the grayscale version is **27.4454, 28.8747, 31.4446**.

A 20% lighter version of the original color is **52.4676, 62.0689, 74.1809**, and **10.2076, 13.0552, 16.7338** is the 20% darker color. If you saturate the color by 10%, you get **23.9920, 30.5455, 38.3498**, and if you desaturate by 10%, it is **28.0961, 32.6612, 38.5424**.

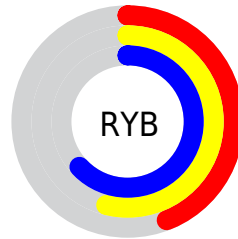
Distribution



Red (44%)

Green (63%)

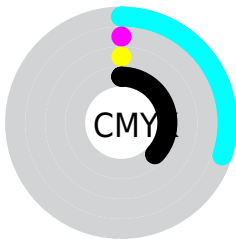
Blue (63%)



Red (44%)

Yellow (54%)

Blue (63%)

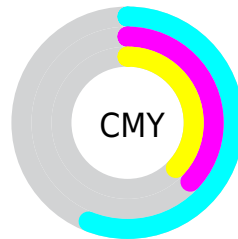


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8600, 31.5077, 38.4368 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 25.8600, 31.5077, 38.4368 by changing the saturation by 10% instead.

■ 25.8600, 31.5077,
38.4368

■ 25.8600, 31.5077,
38.4368

274.3635,
308.8705, 354.8442

■ 16.8511, 20.9858,
26.0174

■ 52.4819, 62.0385,
73.9880

■ 10.2230, 13.1136,
16.6108

■ 70.8256, 82.8162,
97.9569

■ 5.6105, 7.5068,
9.7984

■ 93.0116, 107.7812,
126.6127

■ 2.6481, 3.7810,
5.1616

■ 119.4052,
137.3180, 160.3739

■ 0.9705, 1.5518,
2.2820

150.3719,
171.8109, 199.6591

■ 0.0000, 0.3248,
0.7211

186.2769,

■ 0.0000, 0.0000,

211.6444, 244.8869

0.0000

227.4857,
257.2028, 296.4758

■ 25.8600, 31.5077,
38.4368

■ 25.8600, 31.5077,
38.4368

■ 23.9920, 30.5455,
38.3498

■ 28.0961, 32.6612,
38.5424

■ 22.4700, 29.7609,
38.2782

■ 30.7157, 34.0117,
38.6653

■ 21.2733, 29.1440,
38.2219

■ 33.7366, 35.5690,
38.8070

■ 20.3785, 28.6827,
38.1797

■ 37.1747, 37.3414,
38.9682

■ 19.7585, 28.3631,
38.1504

■ 41.0449, 39.3365,
39.1496

■ 19.3818, 28.1689,
38.1325

■ 45.3615, 41.5619,
39.3520

■ 19.1781, 28.0639,
38.1226

■ 50.1382, 44.0243,
39.5758

■ 55.3881, 46.7307,
39.8218

■ 60.4190, 49.3243,
40.0576

Harmonies

Analogous

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



25.7519, 31.5077, 31.6779



25.8600, 31.5077, 38.4368



27.0274, 31.5077, 44.8099

Triad

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



25.8600, 31.5077, 38.4368



33.4195, 31.5077, 43.7031



30.8994, 31.5077, 23.1676

Complementary

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



25.8600, 31.5077, 38.4368



23.4179, 20.3362, 18.0216

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.



33.0699, 31.5077, 25.5878



25.8600, 31.5077, 38.4368



34.5749, 31.5077, 37.0767

Square

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



25.8600, 31.5077, 38.4368



31.3566, 31.5077, 48.1127



34.4437, 31.5077, 30.4833



28.5806, 31.5077, 23.4318

Rectangle

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



25.8600, 31.5077, 38.4368



28.2854, 31.5077, 47.7147



34.4437, 31.5077, 30.4833



31.6727, 31.5077, 23.6797

Sweetspot

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



25.8609, 31.5090, 38.4375



55.6514, 61.2418, 69.2737



22.4570, 30.1594, 19.9677



12.0518, 13.3521, 15.1856



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.8609, 31.5090, 38.4375



43.8196, 55.1423, 68.7184



22.1068, 24.0005, 37.1870



7.2761, 8.0113, 9.0658



15.3164, 22.4129, 30.4462



0.3218, 0.4709, 0.6398

Inverse Universe

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



23.4179, 20.3362, 18.0216



38.6847, 31.6588, 25.8071



26.3833, 26.2673, 19.0095



7.0738, 7.0860, 7.3750



11.7389, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 25.8600, 31.5077, 38.4368 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.8600, 31.5077, 38.4368 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 ✓ Pass

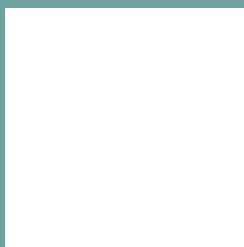
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8600, 31.5077, 38.4368

Background



This preview shows how black text looks on a background with the XYZ color 25.8600, 31.5077, 38.4368.



This preview shows how white text looks on a background with the XYZ color 25.8600, 31.5077,

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

25.8600, 31.5077, 38.4368

Protanopia

30.1199, 31.2721, 35.4590

Deuteranopia

31.8325, 31.1248, 39.4519



Tritanopia

26.9148, 31.4197, 43.6758

Trichromacy



Original Color

25.8600, 31.5077, 38.4368

Protanomaly

28.2884, 31.2803, 36.4450

Deuteranomaly

29.1668, 30.9405, 39.0852

Tritanomaly

26.5781, 31.5462, 41.7340

Monochromacy



Original Color

25.8600, 31.5077, 38.4368

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4840, 29.4359, 33.5640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8600, 31.5077, 38.4368 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, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(112, 161, 161)  
}
```

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, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.8600, 31.5077, 38.4368 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, 161, 161) }
```


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

```
.border{ border-color:rgb(112, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(112, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8600, 31.5077, 38.4368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 161, 161) }
```

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

```
.background{ background-color: rgb(112,  
161, 161) }
```

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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