

Converting Colors

XYZ(25.1922, 29.7506, 38.1334)

Have a look what the booklet for
XYZ(25.1922, 29.7506, 38.1334)
contains.

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Color

**XYZ(25.0938, 29.5933,
38.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	729BA1
RGB	114, 155, 161
RGB Percent	45%, 61%, 63%
CMY	0.5529, 0.3921, 0.3686
CMYK	0.29, 0.04, 0.00, 0.37
HSL	188°, 20%, 54%
HSV	188°, 29%, 63%
XYZ	25.0938, 29.5933, 38.1077
YIQ	143.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

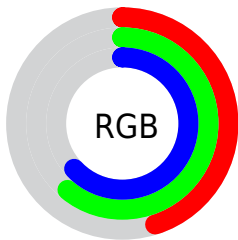
Format	Color
RYB	114, 136, 161
Decimal	7510945
CIELab	61.30, -12.44, -7.67
CIElCh	61, 14.610, 211.646
Yxy	29.5933, 0.2704, 0.3189
Android (android.graphics.Color)	4285701025 (0xFF729BA1)
YUV	143.4250, 8.6645, -25.8057
Hunter-Lab	54.3997, -12.8601, -3.4536

Details

The XYZ color **25.0938, 29.5933, 38.1077** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4521, 22.2252, 18.9214**, and the grayscale version is **26.2530, 27.6202, 30.0784**.

A 20% lighter version of the original color is **51.1315, 58.7743, 73.6154**, and **9.8791, 12.1164, 16.5699** is the 20% darker color. If you saturate the color by 10%, you get **22.8423, 27.9300, 37.9058**, and if you desaturate by 10%, it is **27.7215, 31.4606, 38.3301**.

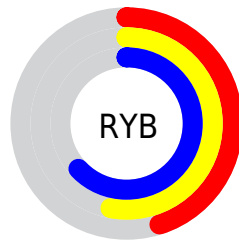
Distribution



Red (45%)

Green (61%)

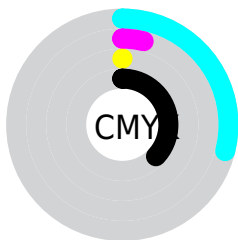
Blue (63%)



Red (45%)

Yellow (53%)

Blue (63%)

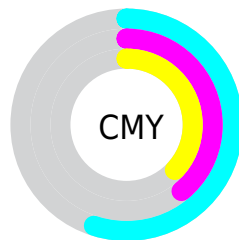


Cyan (29%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0938, 29.5933, 38.1077 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 25.0938, 29.5933, 38.1077 by changing the saturation by 10% instead.

■ 25.0938, 29.5933,
38.1077

■ 25.0938, 29.5933,
38.1077

270.6438,
300.0041, 353.3938

■ 16.2761, 19.5301,
25.7638

■ 51.2512, 59.0184,
73.4784

■ 9.8118, 12.0539,
16.4228

■ 69.3215, 79.1491,
97.3424

■ 5.3357, 6.7804,
9.6663

■ 91.2067, 103.4044,
125.8834

■ 2.4823, 3.3252,
5.0756

117.2722,
132.1687, 159.5200

■ 0.8863, 1.3038,
2.2321

147.8833,
165.8265, 198.6709

■ 0.0000, 0.1441,
0.6928

183.4053,

■ 0.0000, 0.0000,

204.7620, 243.7544

0.0000

224.2037,
249.3598, 295.1892

■ 25.0938, 29.5933,
38.1077

■ 25.0938, 29.5933,
38.1077

■ 22.8423, 27.9300,
37.9058

■ 27.7215, 31.4606,
38.3301

■ 20.9451, 26.4572,
37.7215

■ 30.7407, 33.5378,
38.5719

■ 19.3818, 25.1651,
37.5545

■ 34.1691, 35.8346,
38.8346

■ 18.1291, 24.0416,
37.4037

■ 38.0224, 38.3592,
39.1188

■ 17.1606, 23.0731,
37.2678

■ 42.3156, 41.1194,
39.4253

■ 16.4452, 22.2435,
37.1454

■ 47.0629, 44.1225,
39.7547

■ 15.9183, 21.5195,
37.0334

■ 52.2780, 47.3757,
40.1078

■ 15.8777, 21.4623,
37.0245

■ 57.9736, 50.8855,
40.4850

■ 62.7119, 53.9108,
40.8192

Harmonies

Analogous

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



24.5888, 29.5933, 32.5274



25.0938, 29.5933, 38.1077



26.4067, 29.5933, 42.4760

Triad

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



25.0938, 29.5933, 38.1077



31.5110, 29.5933, 37.5211



28.0214, 29.5933, 22.7481

Complementary

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



25.0938, 29.5933, 38.1077



24.4521, 22.2252, 18.9214

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.



29.9216, 29.5933, 23.7674



25.0938, 29.5933, 38.1077



31.9905, 29.5933, 31.9186

Square

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



25.0938, 29.5933, 38.1077



30.1138, 29.5933, 42.1111



31.3964, 29.5933, 26.9760



26.2306, 29.5933, 24.0168

Rectangle

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



25.0938, 29.5933, 38.1077



27.5934, 29.5933, 43.8845



31.3964, 29.5933, 26.9760



28.6685, 29.5933, 22.8339

Sweetspot

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



25.0947, 29.5945, 38.1084



55.0663, 60.0714, 69.0792



23.0438, 30.4113, 22.2614



11.9044, 13.0573, 15.1365



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.



25.0947, 29.5945, 38.1084



42.2593, 51.0330, 68.0096



21.6266, 22.6583, 36.9524



7.1987, 7.8563, 9.0401



12.7015, 17.1823, 29.5769



0.2870, 0.4012, 0.6282

Inverse Universe

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



26.6324, 21.9790, 33.8503



45.5123, 35.3132, 58.9140



27.5557, 28.4325, 19.9559



7.3252, 7.1866, 8.6991



15.5566, 7.5787, 20.6534



0.3370, 0.1633, 0.4874

Previews

White Background



This preview shows how the XYZ color 25.0938, 29.5933, 38.1077 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 25.0938, 29.5933, 38.1077 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

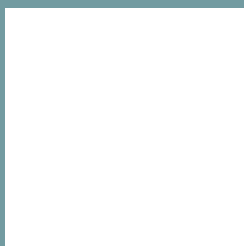
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0938, 29.5933, 38.1077

Background



This preview shows how black text looks on a background with the XYZ color 25.0938, 29.5933, 38.1077.

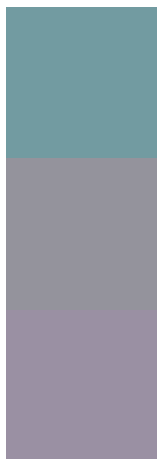


This preview shows how white text looks on a background with the XYZ color 25.0938, 29.5933,

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

25.0938, 29.5933, 38.1077

Protanopia

28.6472, 29.5636, 35.6490

Deuteranopia

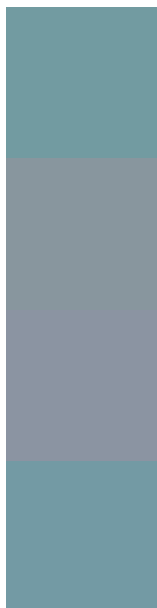
29.9105, 29.4609, 38.7604



Tritanopia

25.5088, 29.5092, 40.4278

Trichromacy



Original Color

25.0938, 29.5933, 38.1077

Protanomaly

27.2312, 29.5156, 36.6096

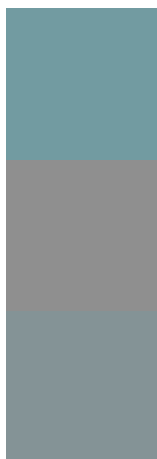
Deuteranomaly

27.7590, 29.2774, 38.3705

Tritanomaly

25.3267, 29.4364, 39.4689

Monochromacy



Original Color

25.0938, 29.5933, 38.1077

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4545, 27.9750, 32.9123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0938, 29.5933, 38.1077 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, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 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(114, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.0938, 29.5933, 38.1077 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, 155, 161) }
```


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

```
.border{ border-color:rgb(114, 155, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0938, 29.5933, 38.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 161) }
```

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

```
.background{ background-color: rgb(114,  
155, 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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