

# Converting Colors

XYZ(25.2609, 29.9276, 38.1634)

Have a look what the booklet for  
XYZ(25.2609, 29.9276, 38.1634)  
contains.

<b>XYZ(25.2609, 29.9276, 38.1634)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(25.2609, 29.9276,  
38.1634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729CA1
RGB	114, 156, 161
RGB Percent	45%, 61%, 63%
CMY	0.5529, 0.3882, 0.3686
CMYK	0.29, 0.03, 0.00, 0.37
HSL	186°, 20%, 54%
HSV	186°, 29%, 63%
XYZ	25.2609, 29.9276, 38.1634
YIQ	144.0120, -26.6370, -7.3490

# Conversions

## Conversions Part 2

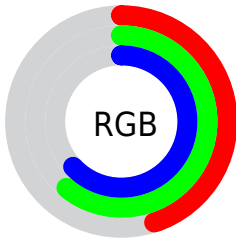
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 136, 161
Decimal	7511201
CIELab	61.59, -12.98, -7.23
CIELCh	62, 14.857, 209.137
Yxy	29.9276, 0.2706, 0.3206
Android (android.graphics.Color)	4285701281 (0xFF729CA1)
YUV	144.0120, 8.3751, -26.3205
Hunter-Lab	54.7061, -13.3122, -3.0669

# Details

The XYZ color **25.2609, 29.9276, 38.1634** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3323, 21.9857, 18.8813**, and the grayscale version is **26.4898, 27.8693, 30.3497**.

A 20% lighter version of the original color is **51.6253, 59.7619, 73.7800**, and **9.9804, 12.3189, 16.6036** is the 20% darker color. If you saturate the color by 10%, you get **23.0632, 28.3719, 37.9795**, and if you desaturate by 10%, it is **27.8330, 31.6838, 38.3673**.

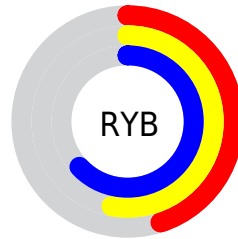
# Distribution



Red (45%)

Green (61%)

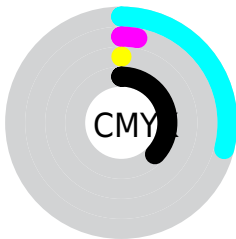
Blue (63%)



Red (45%)

Yellow (53%)

Blue (63%)

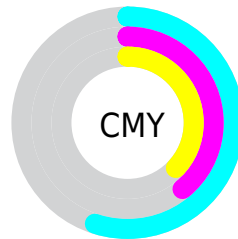


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (39%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2609, 29.9276, 38.1634 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 25.2609, 29.9276, 38.1634 by changing the saturation by 10% instead.



■ 25.2609, 29.9276,  
38.1634

■ 25.2609, 29.9276,  
38.1634

271.4585,  
301.5668, 353.6396

■ 16.4013, 19.7836,  
25.8067

■ 51.5200, 59.5477,  
73.5647

■ 9.9012, 12.2379,  
16.4546

■ 69.6502, 79.7926,  
97.4464

■ 5.3953, 6.9059,  
9.6886

■ 91.6014, 104.1732,  
126.0069

■ 2.5181, 3.4033,  
5.0901

117.7388,  
133.0740, 159.6647

■ 0.9044, 1.3457,  
2.2406

148.4279,  
166.8794, 198.8383

■ 0.0000, 0.1762,  
0.6976

184.0340,

■ 0.0000, 0.0000,

205.9737, 243.9463

0.0000

224.9224,  
250.7414, 295.4072

■ 25.2609, 29.9276,  
38.1634

■ 25.2609, 29.9276,  
38.1634

■ 23.0632, 28.3719,  
37.9795

■ 27.8330, 31.6838,  
38.3673

■ 21.2180, 27.0032,  
37.8125

■ 30.7949, 33.6463,  
38.5900

■ 19.7051, 25.8116,  
37.6623

■ 34.1641, 35.8248,  
38.8329

■ 18.5009, 24.7853,  
37.5276

■ 37.9565, 38.2275,  
39.0968

■ 17.5792, 23.9104,  
37.4073

■ 42.1869, 40.8622,  
39.3824

■ 16.9090, 23.1711,  
37.3000

■ 46.8696, 43.7362,  
39.6903

■ 16.4255, 22.5339,  
37.2025

■ 52.0182, 46.8565,  
40.0212

■ 16.3883, 22.4836,  
37.1947

■ 57.6456, 50.2298,  
40.3757

■ 62.3139, 53.1148,  
40.6866

# Harmonies

## Analogous

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



24.8207, 29.9276, 32.4229



25.2609, 29.9276, 38.1634



26.5446, 29.9276, 42.8224

# Triad

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



25.2609, 29.9276, 38.1634



31.8251, 29.9276, 38.4788



28.5024, 29.9276, 22.8912

# Complementary

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



25.2609, 29.9276, 38.1634



24.3323, 21.9857, 18.8813

# 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.



30.4346, 29.9276, 24.1267



25.2609, 29.9276, 38.1634



32.4067, 29.9276, 32.7498

# Square

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



25.2609, 29.9276, 38.1634



30.3313, 29.9276, 43.0188



31.8866, 29.9276, 27.5805



26.6391, 29.9276, 23.9932



# Rectangle

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



25.2609, 29.9276, 38.1634



27.7368, 29.9276, 44.4537



31.8866, 29.9276, 27.5805



29.1657, 29.9276, 23.0443

# Sweetspot

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



25.2618, 29.9288, 38.1641



55.1633, 60.2653, 69.1115



22.9966, 30.3924, 22.0132



11.9288, 13.1061, 15.1447



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.



25.2618, 29.9288, 38.1641



42.6213, 51.7571, 68.1303



21.7331, 22.8715, 36.9879



7.2115, 7.8820, 9.0444



13.1064, 17.9922, 29.7118



0.2925, 0.4123, 0.6300



# Inverse Universe

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



26.7167, 22.0126, 34.2947



45.6950, 35.3863, 59.8764



27.4385, 28.1981, 19.9167



7.3317, 7.1891, 8.7333



15.7610, 7.6604, 21.7297



0.3398, 0.1644, 0.5022



# Previews

## White Background



This preview shows how the XYZ color 25.2609, 29.9276, 38.1634 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 25.2609, 29.9276, 38.1634 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

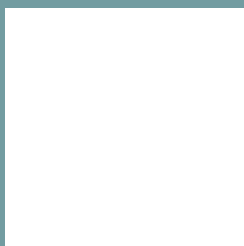
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 25.2609, 29.9276, 38.1634**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.2609, 29.9276, 38.1634.



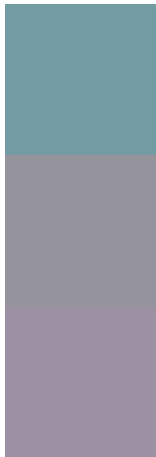
This preview shows how white text looks on a background with the XYZ color 25.2609, 29.9276,



# 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

25.2609, 29.9276, 38.1634

### Protanopia

28.8289, 29.6573, 35.6575

### Deuteranopia

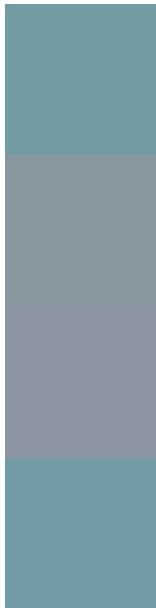
30.2944, 29.6588, 38.7784



## Tritanopia

25.7666, 29.8775, 40.9681

# Trichromacy



## Original Color

25.2609, 29.9276, 38.1634

## Protanomaly

27.2312, 29.5156, 36.6096

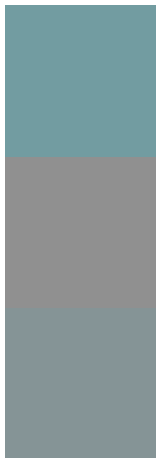
## Deuteranomaly

28.0960, 29.4512, 38.3862

## Tritanomaly

25.5831, 29.8041, 40.0017

# Monochromacy



## Original Color

25.2609, 29.9276, 38.1634

## Achromatopsia

26.5089, 27.8894, 30.3716

## Achromatomaly

25.7678, 28.3684, 32.9717

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.2609, 29.9276, 38.1634 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, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(114, 156, 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, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 156, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 25.2609, 29.9276, 38.1634 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, 156, 161) }
```



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

```
.border{ border-color:rgb(114, 156, 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, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(114, 156,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.2609, 29.9276, 38.1634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 156, 161) }
```

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

```
.background{ background-color: rgb(114,  
156, 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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