

Converting Colors

XYZ(25.0738, 25.9460, 36.0795)

Have a look what the booklet for
XYZ(25.0738, 25.9460, 36.0795)
contains.

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Color

**XYZ(25.0770, 25.9204,
36.0292)**

Conversions

Conversions Part 1

Format	Color
Hex	858B9E
RGB	133, 139, 158
RGB Percent	52%, 55%, 62%
CMY	0.4784, 0.4549, 0.3804
CMYK	0.16, 0.12, 0.00, 0.38
HSL	226°, 11%, 57%
HSV	226°, 16%, 62%
XYZ	25.0770, 25.9204, 36.0292
YIQ	139.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

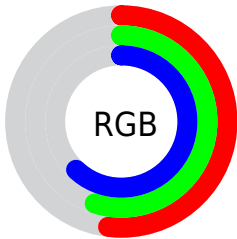
Format	Color
R_{YB}	133, 138, 158
Decimal	8752030
CIE _{Lab}	57.96, 1.89, -10.81
CIE _{LCh}	58, 10.978, 279.906
Yxy	25.9204, 0.2882, 0.2978
Android (android.graphics.Color)	4286942110 (0xFF858B9E)
YUV	139.3720, 9.1836, -5.5882
Hunter-Lab	50.9121, -1.1751, -6.3196

Details

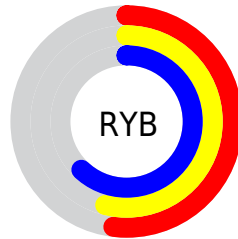
The XYZ color **25.0770, 25.9204, 36.0292** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5625, 31.4188, 26.6971**, and the grayscale version is **24.6530, 25.9368, 28.2452**.

A 20% lighter version of the original color is **51.1096, 52.9425, 70.4759**, and **9.7935, 10.0453, 15.3327** is the 20% darker color. If you saturate the color by 10%, you get **21.1237, 21.4423, 35.3736**, and if you desaturate by 10%, it is **29.5981, 30.9760, 36.7672**.

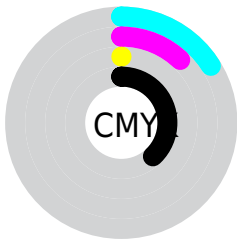
Distribution



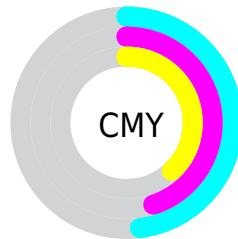
- Red (52%)
- Green (55%)
- Blue (62%)



- Red (52%)
- Yellow (54%)
- Blue (62%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0770, 25.9204, 36.0292 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 25.0770, 25.9204, 36.0292 by changing the saturation by 10% instead.

■ 25.0770, 25.9204,
36.0292

■ 25.0770, 25.9204,
36.0292

270.5618,
282.3911, 344.1294

■ 16.2635, 16.7641,
24.1669

■ 51.2241, 53.1465,
70.2467

■ 9.8028, 10.0664,
15.2441

■ 69.2884, 71.9851,
93.4389

■ 5.3297, 5.4430,
8.8424

■ 91.1670, 94.8199,
121.2449

■ 2.4787, 2.5095,
4.5431

117.2252,
122.0353, 154.0831

■ 0.8845, 0.8814,
1.9278

147.8284,
154.0158, 192.3721

■ 0.0000, 0.0000,
0.5103

183.3420,

■ 0.0000, 0.0000,

191.1456, 236.5305

0.0000

224.1314,
233.8093, 286.9768

■ 25.0770, 25.9204,
36.0292

■ 25.0770, 25.9204,
36.0292

■ 21.1237, 21.4423,
35.3736

■ 29.5981, 30.9760,
36.7672

■ 17.7130, 17.5177,
34.7958

■ 34.7061, 36.6256,
37.5884

■ 14.8213, 14.1253,
34.2935

■ 40.4222, 42.8893,
38.4962

■ 12.4221, 11.2414,
33.8633

■ 46.7658, 49.7850,
39.4928

■ 10.4868, 8.8405,
33.5019

■ 53.7555, 57.3299,
40.5807

■ 8.9833, 6.8944,
33.2055

■ 61.4088, 65.5405,
41.7622

■ 7.8755, 5.3720,
32.9700

■ 69.7430, 74.4330,
43.0393

■ 7.1163, 4.2353,
32.7906

■ 77.1364, 83.1782,
44.3376

■ 6.8626, 3.8506,
32.7297

■ 80.6920, 90.2894,
45.5228

Harmonies

Analogous

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



23.7725, 25.9204, 35.6364



25.0770, 25.9204, 36.0292



26.3056, 25.9204, 34.1915

Triad

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



25.0770, 25.9204, 36.0292



26.6409, 25.9204, 23.8004



22.3229, 25.9204, 25.7921

Complementary

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



25.0770, 25.9204, 36.0292



29.5625, 31.4188, 26.6971

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.



23.0396, 25.9204, 22.9928



25.0770, 25.9204, 36.0292



25.5213, 25.9204, 21.9162

Square

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



25.0770, 25.9204, 36.0292



27.2297, 25.9204, 26.9875



24.2013, 25.9204, 21.6344



22.2135, 25.9204, 29.4955

Rectangle

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



25.0770, 25.9204, 36.0292



26.9048, 25.9204, 32.0377



24.2013, 25.9204, 21.6344



22.4995, 25.9204, 24.7236

Sweetspot

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



25.0778, 25.9215, 36.0298



54.3853, 56.9585, 66.8711



27.5472, 31.6995, 34.2657



12.1301, 12.6956, 15.0548



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.



25.0778, 25.9215, 36.0298



42.8769, 44.0685, 64.9897



25.2488, 24.7547, 35.7955



6.4076, 6.6810, 8.3585



5.5230, 3.1375, 26.2217



0.1282, 0.1151, 0.4787

Inverse Universe

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



27.1489, 25.9088, 27.9973



47.3900, 44.1136, 47.4697



29.3631, 32.7989, 26.9740



6.6951, 6.6710, 7.2455



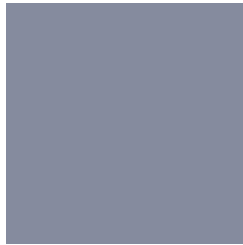
11.5859, 5.9389, 2.0706



0.2220, 0.1121, 0.1154

Previews

White Background



This preview shows how the XYZ color 25.0770, 25.9204, 36.0292 looks on a white background.

Color Contrast Check

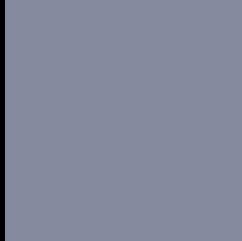
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0770, 25.9204, 36.0292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

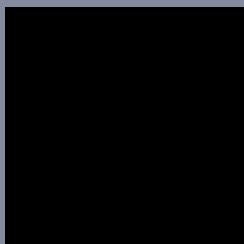
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

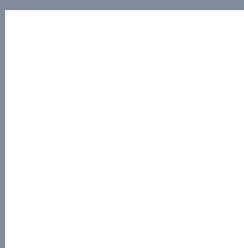
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0770, 25.9204, 36.0292

Background



This preview shows how black text looks on a background with the XYZ color 25.0770, 25.9204, 36.0292.



This preview shows how white text looks on a background with the XYZ color 25.0770, 25.9204,

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

25.0770, 25.9204, 36.0292

Protanopia

25.3276, 25.8455, 35.5521

Deuteranopia

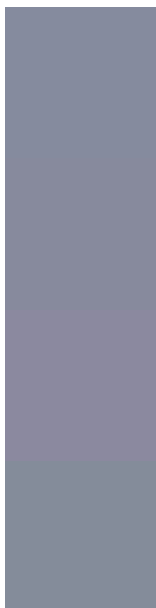
26.3899, 25.9512, 36.4191



Tritanopia

24.4797, 25.8961, 32.9864

Trichromacy



Original Color

25.0770, 25.9204, 36.0292

Protanomaly

25.1660, 25.7622, 35.5445

Deuteranomaly

25.8511, 25.8835, 36.4344

Tritanomaly

24.7265, 25.9948, 34.2861

Monochromacy



Original Color

25.0770, 25.9204, 36.0292

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.7375, 25.8589, 30.8816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0770, 25.9204, 36.0292 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(133, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 158)  
}
```

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(133, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.0770, 25.9204, 36.0292 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(133, 139, 158) }
```


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

```
.border{ border-color:rgb(133, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0770, 25.9204, 36.0292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 158) }
```

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

```
.background{ background-color: rgb(133,  
139, 158) }
```

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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