

Converting Colors

XYZ(25.6766, 25.2778, 52.1624)

Have a look what the booklet for
XYZ(25.6766, 25.2778, 52.1624)
contains.

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Color

**XYZ(25.7062, 25.2480,
52.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	7788BE
RGB	119, 136, 190
RGB Percent	47%, 53%, 75%
CMY	0.5333, 0.4667, 0.2549
CMYK	0.37, 0.28, 0.00, 0.25
HSL	226°, 35%, 61%
HSV	226°, 37%, 75%
XYZ	25.7062, 25.2480, 52.2337
YIQ	137.0730, -27.4660, 13.1900

Conversions

Conversions Part 2

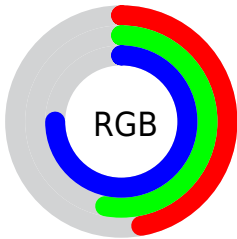
Format	Color
R_{YB}	119, 133, 190
Decimal	7833790
CIE Lab	57.32, 7.33, -30.16
CIE LCh	57, 31.035, 283.660
Yxy	25.2480, 0.2491, 0.2447
Android (android.graphics.Color)	4286023870 (0xFF7788BE)
YUV	137.0730, 26.0930, -15.8500
Hunter-Lab	50.2474, 3.3864, -26.4606

Details

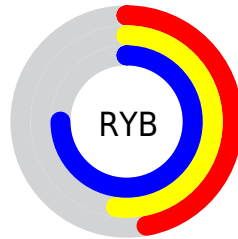
The XYZ color **25.7062, 25.2480, 52.2337** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.5092, 42.1669, 23.5104**, and the grayscale version is **23.7181, 24.9533, 27.1741**.

A 20% lighter version of the original color is **52.2197, 51.9948, 95.2794**, and **10.0865, 9.6264, 24.6190** is the 20% darker color. If you saturate the color by 10%, you get **21.4549, 20.2365, 51.4909**, and if you desaturate by 10%, it is **30.7550, 31.0790, 53.0935**.

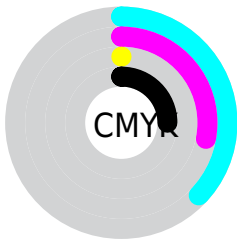
Distribution



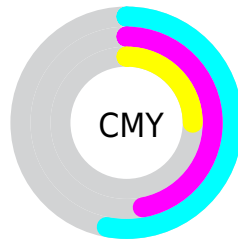
- Red (47%)
- Green (53%)
- Blue (75%)



- Red (47%)
- Yellow (52%)
- Blue (75%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7062, 25.2480, 52.2337 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 25.7062, 25.2480, 52.2337 by changing the saturation by 10% instead.

■ 25.7062, 25.2480,
52.2337

■ 25.7062, 25.2480,
52.2337

273.6201,
279.0708, 412.3208

■ 16.7355, 16.2619,
36.8079

■ 52.2353, 52.0593,
94.9059

■ 10.1402, 9.7097,
24.7641

■ 70.5244, 70.6532,
122.9893

■ 5.5550, 5.2069,
15.6840

■ 92.6503, 93.2186,
156.1290

■ 2.6145, 2.3692,
9.1489

118.9784,
120.1399, 194.7436

■ 0.9534, 0.8100,
4.7403

149.8741,
151.8013, 239.2515

■ 0.0000, 0.0000,
2.0396

185.7027,

■ 0.0000, 0.0000,

188.5873, 290.0713

0.5795

226.8296,
230.8823, 347.6215

■ 0.0000, 0.0000,
0.0000

■ 25.7062, 25.2480,
52.2337

■ 25.7062, 25.2480,
52.2337

■ 21.4549, 20.2365,
51.4909

■ 30.7550, 31.0790,
53.0935

■ 17.9562, 16.0037,
50.8583

■ 36.6375, 37.7619,
54.0734

■ 15.1649, 12.5094,
50.3310

■ 43.3910, 45.3309,
55.1785

■ 13.0293, 9.7086,
49.9029

■ 51.0495, 53.8174,
56.4129

■ 11.4904, 7.5505,
49.5674

■ 59.6454, 63.2513,
57.7807

■ 10.4678, 5.9717,
49.3166

■ 69.2094, 73.6610,
59.2859

■ 10.2517, 5.6324,
49.2625

■ 79.7706, 85.0738,
60.9322

■ 85.2220, 94.3531,
62.4360

■ 86.2944, 96.4977,
62.7934

Harmonies

Analogous

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



22.0629, 25.2480, 51.8587



25.7062, 25.2480, 52.2337



29.2170, 25.2480, 44.8953

Triad

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



25.7062, 25.2480, 52.2337



29.4843, 25.2480, 15.7473



17.8322, 25.2480, 22.1787

Complementary

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



25.7062, 25.2480, 52.2337



39.5092, 42.1669, 23.5104

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.



19.4398, 25.2480, 15.2900



25.7062, 25.2480, 52.2337



26.0420, 25.2480, 12.2786

Square

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



25.7062, 25.2480, 52.2337



31.5441, 25.2480, 22.9808



22.3662, 25.2480, 12.1359



17.7621, 25.2480, 32.5553

Rectangle

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



25.7062, 25.2480, 52.2337



30.9076, 25.2480, 37.4890



22.3662, 25.2480, 12.1359



18.2026, 25.2480, 19.4499

Sweetspot

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



25.7071, 25.2490, 52.2343



73.7758, 76.7250, 99.2001



33.4924, 43.7377, 45.8334



15.8292, 16.4323, 21.7227



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.7071, 25.2490, 52.2343



40.0457, 38.0605, 93.5149



26.1676, 22.2096, 51.6234



9.1970, 9.5864, 12.0378



6.8687, 3.8490, 32.7738



0.3216, 0.2559, 1.3013

Inverse Universe

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



32.2767, 25.9193, 26.5953



53.8749, 40.0915, 39.4055



38.8121, 46.9584, 24.4720



9.6213, 9.5728, 10.3948



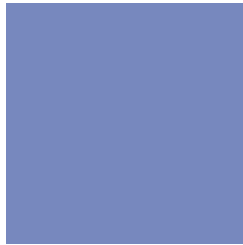
14.4677, 7.4183, 2.4908



0.5932, 0.3012, 0.2373

Previews

White Background



This preview shows how the XYZ color 25.7062, 25.2480, 52.2337 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 25.7062, 25.2480, 52.2337 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

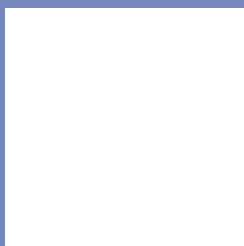
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7062, 25.2480, 52.2337

Background



This preview shows how black text looks on a background with the XYZ color 25.7062, 25.2480, 52.2337.



This preview shows how white text looks on a background with the XYZ color 25.7062, 25.2480,

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

25.7062, 25.2480, 52.2337

Protanopia

25.8434, 25.1106, 52.1999

Deuteranopia

25.8442, 25.3191, 52.2401



Tritanopia

22.0856, 25.2930, 34.2899

Trichromacy



Original Color

25.7062, 25.2480, 52.2337

Protanomaly

25.7040, 25.0387, 52.1934

Deuteranomaly

25.8442, 25.3191, 52.2401

Tritanomaly

23.1632, 25.0569, 40.1749

Monochromacy



Original Color

25.7062, 25.2480, 52.2337

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1523, 25.0374, 35.0122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7062, 25.2480, 52.2337 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(119, 136, 190)` looks like.

```
.text, #text, p{  
    color:rgb(119, 136, 190)  
}
```

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(119, 136, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 136, 190) }
```

Border

The CSS property to change the border of an element to XYZ 25.7062, 25.2480, 52.2337 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(119, 136, 190) }
```


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

```
.border{ border-color:rgb(119, 136, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 136, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 136, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 136, 190);  
box-shadow:4px 4px 4px 4px rgb(119, 136,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7062, 25.2480, 52.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 136, 190) }
```

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

```
.background{ background-color: rgb(119,  
136, 190) }
```

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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