

Converting Colors

XYZ(22.5610, 25.3996, 38.8355)

Have a look what the booklet for
XYZ(22.5610, 25.3996, 38.8355)
contains.

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Color

**XYZ(22.5867, 25.4511,
38.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8FA4
RGB	107, 143, 164
RGB Percent	42%, 56%, 64%
CMY	0.5804, 0.4392, 0.3569
CMYK	0.35, 0.13, 0.00, 0.36
HSL	202°, 24%, 53%
HSV	202°, 35%, 64%
XYZ	22.5867, 25.4511, 38.8441
YIQ	134.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

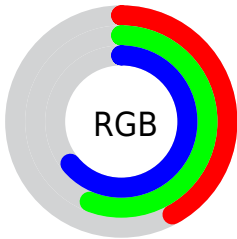
Format	Color
R_{YB}	107, 129, 164
Decimal	7049124
CIE _{Lab}	57.51, -7.16, -15.10
CIE _{LCh}	58, 16.714, 244.622
Yxy	25.4511, 0.2600, 0.2929
Android (android.graphics.Color)	4285239204 (0xFF6B8FA4)
YUV	134.6300, 14.4794, -24.2315
Hunter-Lab	50.4491, -8.3692, -10.3370

Details

The XYZ color **22.5867, 25.4511, 38.8441** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6832, 24.3926, 17.2651**, and the grayscale version is **22.8484, 24.0383, 26.1777**.

A 20% lighter version of the original color is **47.2496, 52.5206, 74.6650**, and **8.4699, 9.8393, 16.7820** is the 20% darker color. If you saturate the color by 10%, you get **19.9163, 22.7646, 38.4667**, and if you desaturate by 10%, it is **25.6815, 28.4301, 39.2564**.

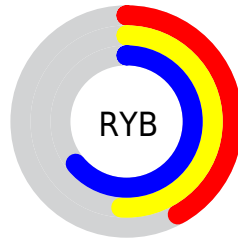
Distribution



Red (42%)

Green (56%)

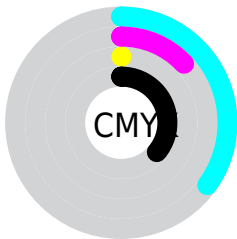
Blue (64%)



Red (42%)

Yellow (51%)

Blue (64%)

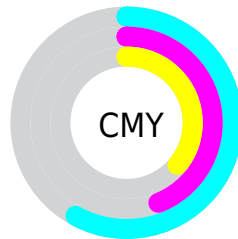


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5867, 25.4511, 38.8441 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 22.5867, 25.4511, 38.8441 by changing the saturation by 10% instead.

■ 22.5867, 25.4511,
38.8441

■ 22.5867, 25.4511,
38.8441

258.1702,
280.0771, 356.6334

■ 14.4076, 16.4135,
26.3316

■ 47.1855, 52.3881,
74.6178

■ 8.4883, 9.8172,
16.8439

■ 64.3359, 71.0562,
98.7161

■ 4.4634, 5.2779,
9.9625

■ 85.2074, 93.7034,
127.5133

■ 1.9675, 2.4112,
5.2688

■ 110.1655,
120.7138, 161.4281

■ 0.6156, 0.8317,
2.3443

139.5755,
152.4720, 200.8790

■ 0.0000, 0.0000,
0.7559

173.8027,

■ 0.0000, 0.0000,

189.3624, 246.2844

0.0000

213.2125,
231.7692, 298.0631

■ 22.5867, 25.4511,
38.8441

■ 22.5867, 25.4511,
38.8441

■ 19.9163, 22.7646,
38.4667

■ 25.6815, 28.4301,
39.2564

■ 17.6460, 20.3552,
38.1213

■ 29.2186, 31.7101,
39.7031

■ 15.7525, 18.2103,
37.8071

■ 33.2177, 35.3030,
40.1858

■ 14.2088, 16.3147,
37.5226

■ 37.6966, 39.2191,
40.7056

■ 12.9841, 14.6515,
37.2661

■ 42.6720, 43.4679,
41.2635

■ 12.0405, 13.1997,
37.0356

■ 48.1599, 48.0587,
41.8604

■ 11.6095, 12.4974,
36.9228

■ 54.1755, 53.0003,
42.4972

■ 60.7333, 58.3013,
43.1747

■ 67.8473, 63.9697,
43.8939

Harmonies

Analogous

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



21.1752, 25.4511, 34.4191



22.5867, 25.4511, 38.8441



24.5003, 25.4511, 40.1386

Triad

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



22.5867, 25.4511, 38.8441



28.2102, 25.4511, 26.8378



22.0801, 25.4511, 19.6338

Complementary

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



22.5867, 25.4511, 38.8441



25.6832, 24.3926, 17.2651

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.



23.8833, 25.4511, 18.1579



22.5867, 25.4511, 38.8441



27.4793, 25.4511, 21.9381

Square

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



22.5867, 25.4511, 38.8441



27.8166, 25.4511, 32.6811



25.8685, 25.4511, 18.9400



20.8941, 25.4511, 23.2739

Rectangle

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



22.5867, 25.4511, 38.8441



25.8207, 25.4511, 38.9207



25.8685, 25.4511, 18.9400



22.6304, 25.4511, 18.8927

Sweetspot

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



22.5875, 25.4521, 38.8447



56.2452, 60.4654, 72.4589



23.2291, 31.2331, 25.1925



12.0880, 13.0312, 15.8157



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.5875, 25.4521, 38.8447



37.0451, 42.2392, 69.9528



18.8500, 17.9772, 37.5989



7.0557, 7.5704, 8.9924



8.9480, 9.6755, 28.3257



0.2308, 0.2889, 0.6094

Inverse Universe

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



25.5261, 20.3917, 28.5784



43.3736, 32.1393, 47.6646



29.9199, 32.8660, 18.6773



7.2531, 7.1577, 8.3192



13.6620, 6.8209, 10.6768



0.3087, 0.1520, 0.3381

Previews

White Background



This preview shows how the XYZ color 22.5867, 25.4511, 38.8441 looks on a white background.

Color Contrast Check

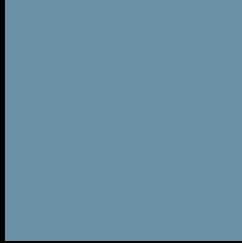
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5867, 25.4511, 38.8441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

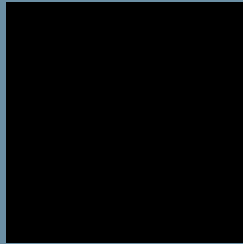
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5867, 25.4511, 38.8441

Background



This preview shows how black text looks on a background with the XYZ color 22.5867, 25.4511, 38.8441.



This preview shows how white text looks on a background with the XYZ color 22.5867, 25.4511,

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

22.5867, 25.4511, 38.8441

Protanopia

24.9637, 25.4159, 36.8477

Deuteranopia

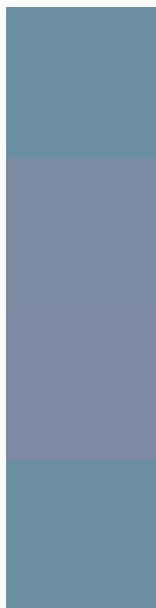
25.8634, 25.3995, 39.6158



Tritanopia

21.7997, 25.3501, 35.1966

Trichromacy



Original Color

22.5867, 25.4511, 38.8441

Protanomaly

23.9778, 25.3235, 37.3424

Deuteranomaly

24.4842, 25.3292, 39.1959

Tritanomaly

22.1751, 25.5139, 36.5568

Monochromacy



Original Color

22.5867, 25.4511, 38.8441

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7342, 24.6123, 30.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5867, 25.4511, 38.8441 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(107, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 164)  
}
```

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(107, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 164) }
```

Border

The CSS property to change the border of an element to XYZ 22.5867, 25.4511, 38.8441 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(107, 143, 164) }
```


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

```
.border{ border-color:rgb(107, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5867, 25.4511, 38.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 164) }
```

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

```
.background{ background-color: rgb(107,  
143, 164) }
```

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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