

Converting Colors

XYZ(19.4925, 25.8829, 22.4942)

Have a look what the booklet for
XYZ(19.4925, 25.8829, 22.4942)
contains.

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Color

**XYZ(19.4562, 25.8145,
22.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	62967A
RGB	98, 150, 122
RGB Percent	38%, 59%, 48%
CMY	0.6157, 0.4118, 0.5216
CMYK	0.35, 0.00, 0.19, 0.41
HSL	148°, 21%, 49%
HSV	148°, 35%, 59%
XYZ	19.4562, 25.8145, 22.3696
YIQ	131.2600, -22.0040, -19.7320

Conversions

Conversions Part 2

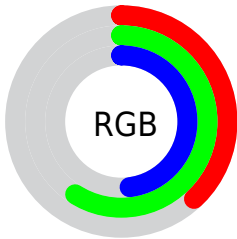
Format	Color
R_{YB}	98, 134, 150
Decimal	6461050
CIE _{Lab}	57.86, -23.69, 9.33
CIE _{LCh}	58, 25.462, 158.497
Y _{xy}	25.8145, 0.2876, 0.3816
Android (android.graphics.Color)	4284651130 (0xFF62967A)
YUV	131.2600, -4.5652, -29.1690
Hunter-Lab	50.8080, -20.5599, 9.4615

Details

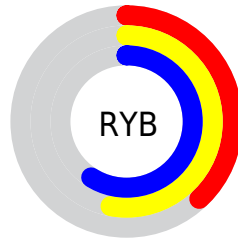
The XYZ color **19.4562, 25.8145, 22.3696** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7121, 16.7264, 21.8766**, and the grayscale version is **21.6884, 22.8178, 24.8486**.

A 20% lighter version of the original color is **41.8105, 52.7258, 48.0178**, and **6.8834, 10.0331, 7.8771** is the 20% darker color. If you saturate the color by 10%, you get **17.5071, 24.8659, 19.7738**, and if you desaturate by 10%, it is **21.7516, 26.9383, 25.1999**.

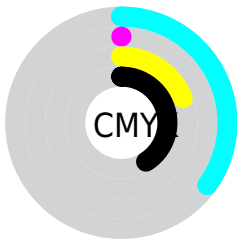
Distribution



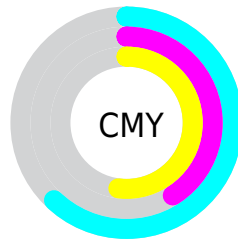
- Red (38%)
- Green (59%)
- Blue (48%)



- Red (38%)
- Yellow (53%)
- Blue (59%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4562, 25.8145, 22.3696 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 19.4562, 25.8145, 22.3696 by changing the saturation by 10% instead.

■ 19.4562, 25.8145,
22.3696

■ 19.4562, 25.8145,
22.3696

241.8459,
281.8703, 277.4866

■ 12.1063, 16.6849,
13.9278

■ 42.0145, 52.9755,
48.2661

■ 6.8889, 10.0101,
7.9323

■ 57.9536, 71.7758,
66.5579

■ 3.4384, 5.4057,
3.9645

■ 77.4866, 94.5684,
88.9702

■ 1.3896, 2.4872,
1.6059

■ 100.9787,
121.7377, 115.9213

■ 0.2488, 0.8702,
0.2950

128.7953,
153.6682, 147.8301

■ 0.0000, 0.0000,
0.0000

161.3018,

190.7441, 185.1148

198.8636,
233.3501, 228.1941

■ 19.4562, 25.8145,
22.3696

■ 19.4562, 25.8145,
22.3696

■ 17.5071, 24.8659,
19.7738

■ 21.7516, 26.9383,
25.1999

■ 15.8843, 24.0800,
17.4046

■ 24.4079, 28.2425,
28.2689

■ 14.5688, 23.4480,
15.2563


■ 27.4414, 29.7361,
31.5827


■ 13.5385, 22.9587,
13.3222


■ 30.8665, 31.4265,
35.1467


■ 12.7685, 22.5991,
11.5951


■ 34.6972, 33.3207,
38.9663


 12.2275, 22.3535,
10.0673

 38.9464, 35.4253,
43.0464

 11.9881, 22.2462,
9.3298

 43.6268, 37.7468,
47.3921

 48.7504, 40.2912,
52.0082

 54.3285, 43.0644,
56.8993

Harmonies

Analogous

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



21.0509, 25.8145, 16.8697



19.4562, 25.8145, 22.3696



19.1620, 25.8145, 30.6731

Triad

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



19.4562, 25.8145, 22.3696



25.4161, 25.8145, 48.2968



29.4376, 25.8145, 18.8649

Complementary

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



19.4562, 25.8145, 22.3696



20.7121, 16.7264, 21.8766

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.



30.8309, 25.8145, 25.6893



19.4562, 25.8145, 22.3696



28.3858, 25.8145, 43.4751

Square

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



19.4562, 25.8145, 22.3696



22.4407, 25.8145, 46.8927



30.4307, 25.8145, 34.7514



26.7576, 25.8145, 15.1585

Rectangle

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



19.4562, 25.8145, 22.3696



19.7174, 25.8145, 36.9433



30.4307, 25.8145, 34.7514



30.0817, 25.8145, 20.8066

Sweetspot

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



19.4569, 25.8156, 22.3702



45.3818, 50.9757, 52.4462



21.8048, 27.1771, 15.6521



9.9093, 11.2241, 11.4602



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.4569, 25.8156, 22.3702



31.4835, 44.1670, 35.7073



21.2421, 26.5296, 31.7710



5.8343, 6.5103, 6.7382



9.9582, 18.4561, 7.8214



0.1365, 0.2317, 0.1727

Inverse Universe

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



20.7121, 16.7264, 21.8766



34.0563, 25.5288, 34.6890



19.2755, 16.1517, 14.3114



5.9235, 5.8645, 6.7034



11.6727, 5.8741, 7.0234



0.1578, 0.0779, 0.1644

Previews

White Background



This preview shows how the XYZ color 19.4562, 25.8145, 22.3696 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 19.4562, 25.8145, 22.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

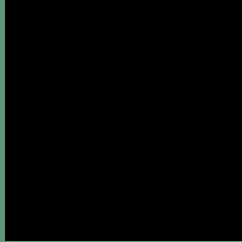
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4562, 25.8145, 22.3696

Background



This preview shows how black text looks on a background with the XYZ color 19.4562, 25.8145, 22.3696.



This preview shows how white text looks on a background with the XYZ color 19.4562, 25.8145,

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

19.4562, 25.8145, 22.3696

Protanopia

24.0949, 25.5489, 20.1845

Deuteranopia

26.1314, 25.6990, 22.9852



Tritanopia

22.1551, 25.7493, 35.7007

Trichromacy



Original Color

19.4562, 25.8145, 22.3696

Protanomaly

21.9963, 25.3211, 20.8677

Deuteranomaly

23.1695, 25.4456, 22.7591

Tritanomaly

21.0613, 25.7646, 30.2486

Monochromacy



Original Color

19.4562, 25.8145, 22.3696

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5925, 23.6574, 23.9031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4562, 25.8145, 22.3696 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(98, 150, 122) looks like.

```
.text, #text, p{  
    color:rgb(98, 150, 122)  
}
```

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(98, 150, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 150, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.4562, 25.8145, 22.3696 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(98, 150, 122) }
```


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

```
.border{ border-color:rgb(98, 150, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 150, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 150, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 150, 122);  
box-shadow:4px 4px 4px 4px rgb(98, 150,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4562, 25.8145, 22.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 150, 122) }
```

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

```
.background{ background-color: rgb(98, 150,  
122) }
```

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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