

Converting Colors

XYZ(22.2752, 25.2317, 27.8682)

Have a look what the booklet for
XYZ(22.2752, 25.2317, 27.8682)
contains.

XYZ(22.2865, 25.3186, 27.7571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.2865, 25.3186,
27.7571)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8E8A
RGB	122, 142, 138
RGB Percent	48%, 56%, 54%
CMY	0.5216, 0.4431, 0.4588
CMYK	0.14, 0.00, 0.03, 0.44
HSL	168°, 8%, 52%
HSV	168°, 14%, 56%
XYZ	22.2865, 25.3186, 27.7571
YIQ	135.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

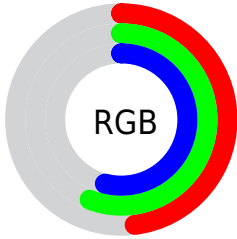
Format	Color
R_{YB}	122, 133, 142
Decimal	8031882
CIE _{Lab}	57.38, -7.99, -0.29
CIE _{LCh}	57, 7.996, 182.073
Yxy	25.3186, 0.2957, 0.3360
Android (android.graphics.Color)	4286221962 (0xFF7A8E8A)
YUV	135.5640, 1.2009, -11.8956
Hunter-Lab	50.3176, -8.9952, 2.5157

Details

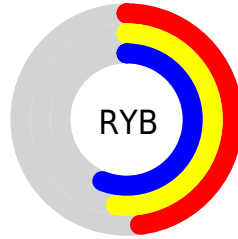
The XYZ color **22.2865, 25.3186, 27.7571** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8817, 21.1769, 22.6741**, and the grayscale version is **23.2380, 24.4481, 26.6240**.

A 20% lighter version of the original color is **46.8231, 52.3554, 56.9280**, and **8.3363, 9.7753, 10.6800** is the 20% darker color. If you saturate the color by 10%, you get **20.2181, 24.2764, 26.6009**, and if you desaturate by 10%, it is **24.6556, 26.5165, 28.9566**.

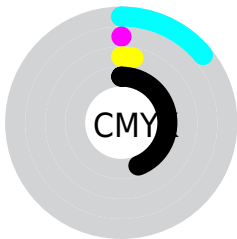
Distribution



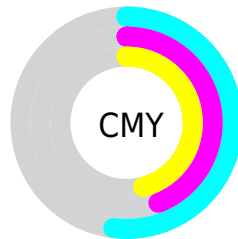
- Red (48%)
- Green (56%)
- Blue (54%)



- Red (48%)
- Yellow (52%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2865, 25.3186, 27.7571 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 22.2865, 25.3186, 27.7571 by changing the saturation by 10% instead.

■ 22.2865, 25.3186,
27.7571

■ 22.2865, 25.3186,
27.7571

256.6431,
279.4209, 305.1798

■ 14.1853, 16.3146,
17.9052

■ 46.6944, 52.1736,
57.1148

■ 8.3323, 9.7470,
10.7132

■ 63.7319, 70.7934,
77.4577

■ 4.3619, 5.2316,
5.7626

■ 84.4788, 93.3872,
102.1347

■ 1.9088, 2.3838,
2.6348

109.3006,
120.3395, 131.5643

■ 0.5820, 0.8175,
0.9104

138.5625,
152.0346, 166.1651

■ 0.0000, 0.0000,
0.0000

172.6301,

188.8570, 206.3556

211.8685,
231.1909, 252.5543

■ 22.2865, 25.3186,
27.7571

■ 22.2865, 25.3186,
27.7571

■ 20.2181, 24.2764,
26.6009

■ 24.6556, 26.5165,
28.9566

■ 18.4354, 23.3803,
25.4853

■ 27.3352, 27.8732,
30.1984

■ 16.9256, 22.6242,
24.4103

■ 30.3372, 29.3954,
31.4838

■ 15.6738, 22.0005,
23.3747

■ 33.6724, 31.0888,
32.8135

■ 14.6638, 21.5008,
22.3778

■ 37.3511, 32.9586,
34.1882

■ 13.8775, 21.1159,
21.4183

■ 41.3830, 35.0099,
35.6086

■ 13.2944, 20.8351,
20.4951

■ 45.7775, 37.2474,
37.0752

■ 12.8887, 20.6452,
19.6068

■ 50.5436, 39.6759,
38.5888

■ 12.6874, 20.5526,
19.0957

■ 55.6901, 42.2998,
40.1499

Harmonies

Analogous

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



22.4879, 25.3186, 25.1915



22.2865, 25.3186, 27.7571



22.5510, 25.3186, 30.4371

Triad

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



22.2865, 25.3186, 27.7571



25.0467, 25.3186, 32.2379



24.9294, 25.3186, 23.2029

Complementary

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



22.2865, 25.3186, 27.7571



21.8817, 21.1769, 22.6741

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.



25.6443, 25.3186, 24.8845



22.2865, 25.3186, 27.7571



25.7133, 25.3186, 30.0887

Square

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



22.2865, 25.3186, 27.7571



24.1306, 25.3186, 33.1276



25.9348, 25.3186, 27.3791



23.9986, 25.3186, 22.6675

Rectangle

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



22.2865, 25.3186, 27.7571



22.9602, 25.3186, 31.8992



25.9348, 25.3186, 27.3791



25.2038, 25.3186, 23.6471

Sweetspot

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



22.2872, 25.3197, 27.7577



43.4769, 46.7578, 51.0604



21.8401, 25.2133, 22.1283



9.6432, 10.4093, 11.3717



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.2872, 25.3197, 27.7577



38.0504, 44.0164, 48.2711



21.7605, 23.7939, 29.0383



5.5147, 6.0981, 6.6760



11.3974, 18.4548, 17.1788



0.1166, 0.1795, 0.2042

Inverse Universe

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



21.8817, 21.1769, 22.6741



37.1890, 35.2141, 37.4712



22.3448, 22.5082, 21.5796



5.4503, 5.4406, 5.8691



10.2142, 5.2427, 1.5131



0.1041, 0.0527, 0.0486

Previews

White Background



This preview shows how the XYZ color 22.2865, 25.3186, 27.7571 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 22.2865, 25.3186, 27.7571 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

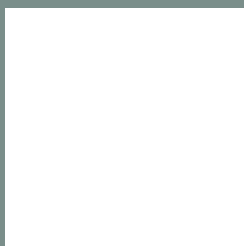
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2865, 25.3186, 27.7571

Background



This preview shows how black text looks on a background with the XYZ color 22.2865, 25.3186, 27.7571.



This preview shows how white text looks on a background with the XYZ color 22.2865, 25.3186,

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

22.2865, 25.3186, 27.7571

Protanopia

24.1341, 25.2160, 26.5169

Deuteranopia

25.6988, 25.1525, 28.3114



Tritanopia

23.2762, 25.2756, 32.9301

Trichromacy



Original Color

22.2865, 25.3186, 27.7571

Protanomaly

23.3494, 25.2294, 26.9317

Deuteranomaly

24.2796, 25.0478, 27.9811

Tritanomaly

22.8816, 25.3360, 30.8785

Monochromacy



Original Color

22.2865, 25.3186, 27.7571

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9639, 24.8084, 27.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2865, 25.3186, 27.7571 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(122, 142, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 142, 138)  
}
```

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(122, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 142, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.2865, 25.3186, 27.7571 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(122, 142, 138) }
```


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

```
.border{ border-color:rgb(122, 142, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 142, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 142, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 142,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2865, 25.3186, 27.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 142, 138) }
```

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

```
.background{ background-color: rgb(122,  
142, 138) }
```

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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