

Converting Colors

XYZ(22.4988, 25.6066, 30.3973)

Have a look what the booklet for
XYZ(22.4988, 25.6066, 30.3973)
contains.

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Color

**XYZ(22.5410, 25.6112,
30.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	778F91
RGB	119, 143, 145
RGB Percent	47%, 56%, 57%
CMY	0.5333, 0.4392, 0.4314
CMYK	0.18, 0.01, 0.00, 0.43
HSL	185°, 11%, 52%
HSV	185°, 18%, 57%
XYZ	22.5410, 25.6112, 30.5435
YIQ	136.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

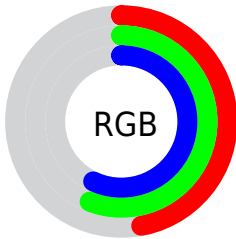
Format	Color
R_{YB}	119, 131, 145
Decimal	7835537
CIE _{Lab}	57.67, -8.04, -3.91
CIE _{LCh}	58, 8.937, 205.962
Yxy	25.6112, 0.2864, 0.3254
Android (android.graphics.Color)	4286025617 (0xFF778F91)
YUV	136.0520, 4.4114, -14.9546
Hunter-Lab	50.6075, -9.0578, -0.3584

Details

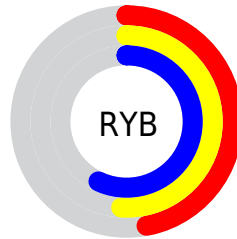
The XYZ color **22.5410, 25.6112, 30.5435** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8443, 21.0262, 20.3602**, and the grayscale version is **23.4098, 24.6289, 26.8209**.

A 20% lighter version of the original color is **47.2883, 52.8267, 61.7370**, and **8.5057, 9.9570, 12.3001** is the 20% darker color. If you saturate the color by 10%, you get **20.5347, 24.3305, 30.4025**, and if you desaturate by 10%, it is **24.8541, 27.0539, 30.7005**.

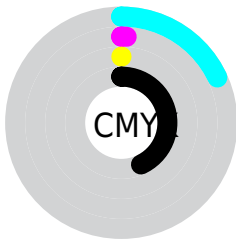
Distribution



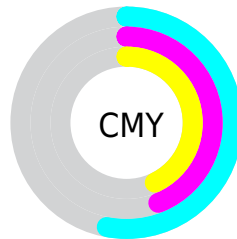
- Red (47%)
- Green (56%)
- Blue (57%)



- Red (47%)
- Yellow (51%)
- Blue (57%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (53%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5410, 25.6112, 30.5435 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 22.5410, 25.6112, 30.5435 by changing the saturation by 10% instead.

■ 22.5410, 25.6112,
30.5435

■ 22.5410, 25.6112,
30.5435

257.9382,
280.8682, 318.7155

■ 14.3738, 16.5330,
19.9959

■ 47.1108, 52.6470,
61.5918

■ 8.4645, 9.9021,
12.2080

■ 64.2440, 71.3735,
82.9296

■ 4.4479, 5.3341,
6.7613

■ 85.0967, 94.0848,
108.7012

■ 1.9585, 2.4446,
3.2371

110.0341,
121.1654, 139.3251

■ 0.6105, 0.8487,
1.2169

139.4216,
152.9996, 175.2200

■ 0.0000, 0.0000,
0.0000

173.6245,

189.9719, 216.8043

213.0083,
232.4666, 264.4967

■ 22.5410, 25.6112,
30.5435

■ 22.5410, 25.6112,
30.5435

■ 20.5347, 24.3305,
30.4025

■ 24.8541, 27.0539,
30.7005

■ 18.8191, 23.2015,
30.2749

■ 27.4847, 28.6620,
30.8722

■ 17.3804, 22.2176,
30.1609

■ 30.4455, 30.4429,
31.0599

■ 16.2025, 21.3706,
30.0595

■ 33.7481, 32.4024,
31.2641

■ 15.2675, 20.6513,
29.9699

■ 37.4033, 34.5463,
31.4852

■ 14.5556, 20.0495,
29.8913

■ 41.4217, 36.8798,
31.7238

■ 14.0436, 19.5531,
29.8224

■ 45.8131, 39.4082,
31.9804

■ 13.6859, 19.1387,
29.7613

■ 50.5872, 42.1363,
32.2554

■ 13.6165, 19.0556,
29.7489

■ 55.7533, 45.0691,
32.5492

Harmonies

Analogous

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



22.3493, 25.6112, 27.4738



22.5410, 25.6112, 30.5435



23.2102, 25.6112, 33.0544

Triad

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



22.5410, 25.6112, 30.5435



26.0860, 25.6112, 31.3128



24.4877, 25.6112, 22.4167

Complementary

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



22.5410, 25.6112, 30.5435



21.8443, 21.0262, 20.3602

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.



25.5114, 25.6112, 23.2870



22.5410, 25.6112, 30.5435



26.4512, 25.6112, 28.3028

Square

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



22.5410, 25.6112, 30.5435



25.2536, 25.6112, 33.5208



26.2379, 25.6112, 25.3878



23.4539, 25.6112, 22.9213

Rectangle

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



22.5410, 25.6112, 30.5435



23.8475, 25.6112, 33.9959



26.2379, 25.6112, 25.3878



24.8447, 25.6112, 22.5563

Sweetspot

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



22.5417, 25.6123, 30.5441



45.7824, 49.2322, 55.0633



21.1684, 25.5471, 21.8193



10.1213, 10.9132, 12.2452



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.5417, 25.6123, 30.5441



38.6746, 44.7931, 54.5811



20.7371, 22.0030, 29.9425



5.5253, 6.0464, 6.9046



11.6876, 16.3613, 25.5191



0.1186, 0.1701, 0.2463

Inverse Universe

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



23.2324, 21.1970, 28.8548



40.1855, 35.2302, 50.8638



23.4955, 24.3286, 20.9106



5.6086, 5.5040, 6.7030



13.7025, 6.6380, 19.8824



0.1344, 0.0648, 0.2082

Previews

White Background



This preview shows how the XYZ color 22.5410, 25.6112, 30.5435 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 22.5410, 25.6112, 30.5435 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

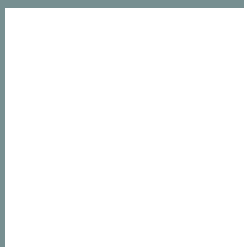
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5410, 25.6112, 30.5435

Background



This preview shows how black text looks on a background with the XYZ color 22.5410, 25.6112, 30.5435.

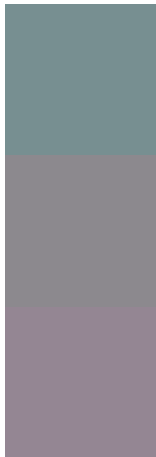


This preview shows how white text looks on a background with the XYZ color 22.5410, 25.6112,

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

22.5410, 25.6112, 30.5435

Protanopia

24.6434, 25.4198, 29.1988

Deuteranopia

26.0043, 25.4527, 31.1460



Tritanopia

23.3079, 25.7109, 33.8712

Trichromacy



Original Color

22.5410, 25.6112, 30.5435

Protanomaly

23.7063, 25.3539, 29.6309

Deuteranomaly

24.4505, 25.2850, 30.7859

Tritanomaly

22.9238, 25.5411, 32.5759

Monochromacy



Original Color

22.5410, 25.6112, 30.5435

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0987, 25.0751, 28.0486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5410, 25.6112, 30.5435 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, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(119, 143, 145)  
}
```

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, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 143, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.5410, 25.6112, 30.5435 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, 143, 145) }
```


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

```
.border{ border-color:rgb(119, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(119, 143,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5410, 25.6112, 30.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 143, 145) }
```

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

```
.background{ background-color: rgb(119,  
143, 145) }
```

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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