

Converting Colors

XYZ(22.6079, 24.6875, 30.9542)

Have a look what the booklet for
XYZ(22.6079, 24.6875, 30.9542)
contains.

XYZ(22.5893, 24.7515, 30.7811)	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(22.5893, 24.7515,
30.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8B92
RGB	123, 139, 146
RGB Percent	48%, 55%, 57%
CMY	0.5176, 0.4549, 0.4274
CMYK	0.16, 0.05, 0.00, 0.43
HSL	198°, 10%, 53%
HSV	198°, 16%, 57%
XYZ	22.5893, 24.7515, 30.7811
YIQ	135.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

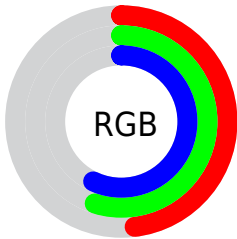
Format	Color
R_{YB}	123, 132, 146
Decimal	8096658
CIE _{Lab}	56.83, -4.22, -5.69
CIE _{LCh}	57, 7.083, 233.423
Yxy	24.7515, 0.2892, 0.3168
Android (android.graphics.Color)	4286286738 (0xFF7B8B92)
YUV	135.0140, 5.4161, -10.5363
Hunter-Lab	49.7509, -6.0164, -1.8574

Details

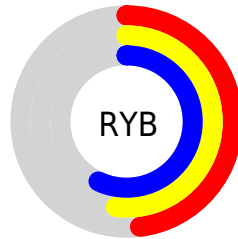
The XYZ color **22.5893, 24.7515, 30.7811** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4120, 23.5063, 22.0426**, and the grayscale version is **23.0186, 24.2173, 26.3727**.

A 20% lighter version of the original color is **47.1795, 51.0995, 62.0201**, and **8.5077, 9.4451, 12.4410** is the 20% darker color. If you saturate the color by 10%, you get **20.0245, 22.4943, 30.4810**, and if you desaturate by 10%, it is **25.4933, 27.2236, 31.1056**.

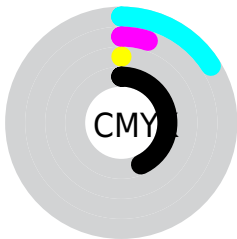
Distribution



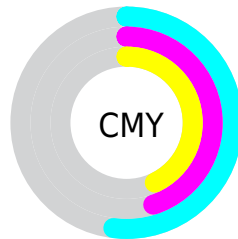
- Red (48%)
- Green (55%)
- Blue (57%)



- Red (48%)
- Yellow (52%)
- Blue (57%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (52%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5893, 24.7515, 30.7811 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 22.5893, 24.7515, 30.7811 by changing the saturation by 10% instead.

■ 22.5893, 24.7515,
30.7811

■ 22.5893, 24.7515,
30.7811

258.1834,
276.5981, 319.8485

■ 14.4096, 15.8920,
20.1752

■ 47.1897, 51.2538,
61.9708

■ 8.4897, 9.4478,
12.3371

■ 64.3411, 69.6654,
83.3916

■ 4.4643, 5.0344,
6.8484

■ 85.2137, 92.0298,
109.2545

■ 1.9680, 2.2674,
3.2904

110.1730,
118.7315, 139.9780

■ 0.6159, 0.7564,
1.2448

139.5843,
150.1547, 175.9806

■ 0.0000, 0.0000,
0.0159

173.8128,

■ 0.0000, 0.0000,

186.6840, 217.6808

0.0000

213.2241,
228.7037, 265.4973

■ 22.5893, 24.7515,
30.7811

■ 22.5893, 24.7515,
30.7811

■ 20.0245, 22.4943,
30.4810

■ 25.4933, 27.2236,
31.1056

■ 17.7825, 20.4413,
30.2029

■ 28.7474, 29.9148,
31.4536

■ 15.8491, 18.5852,
29.9465

■ 32.3648, 32.8330,
31.8262

■ 14.2078, 16.9172,
29.7111

■ 36.3573, 35.9847,
32.2241

■ 12.8408, 15.4275,
29.4956

■ 40.7363, 39.3762,
32.6479

■ 11.7280, 14.1052,
29.2990

■ 45.5124, 43.0134,
33.0982

■ 10.8462, 12.9381,
29.1202

■ 50.6962, 46.9021,
33.5756

■ 10.1626, 11.9085,
28.9575

■ 56.2974, 51.0479,
34.0806

■ 9.8984, 11.4953,
28.8917

■ 62.3258, 55.4560,
34.6137

Harmonies

Analogous

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



22.0944, 24.7515, 28.8041



22.5893, 24.7515, 30.7811



23.3436, 24.7515, 31.7395

Triad

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



22.5893, 24.7515, 30.7811



25.1433, 24.7515, 27.4759



22.8982, 24.7515, 22.9782

Complementary

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



22.5893, 24.7515, 30.7811



23.4120, 23.5063, 22.0426

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.



23.7084, 24.7515, 22.6686



22.5893, 24.7515, 30.7811



25.0173, 24.7515, 25.1776

Square

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



22.5893, 24.7515, 30.7811



24.8277, 24.7515, 29.7603



24.4873, 24.7515, 23.4511



22.2697, 24.7515, 24.3228

Rectangle

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



22.5893, 24.7515, 30.7811



23.8972, 24.7515, 31.6342



24.4873, 24.7515, 23.4511



23.1578, 24.7515, 22.7530

Sweetspot

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



22.5900, 24.7525, 30.7817



45.3274, 48.3223, 54.9117



22.4703, 26.3782, 24.9916



10.0079, 10.6864, 12.2074



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.



22.5900, 24.7525, 30.7817



38.1396, 42.1763, 54.1042



21.0242, 21.6210, 30.2597



5.8167, 6.2674, 7.3729



8.7306, 10.1560, 25.4312



0.1329, 0.1764, 0.3199

Inverse Universe

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



23.5978, 22.1415, 27.4573



40.2930, 36.7189, 46.9734



25.0136, 26.7095, 22.5764



5.9609, 5.8794, 6.9004



12.5339, 6.2186, 11.5584



0.1666, 0.0814, 0.2107

Previews

White Background



This preview shows how the XYZ color 22.5893, 24.7515, 30.7811 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 22.5893, 24.7515, 30.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

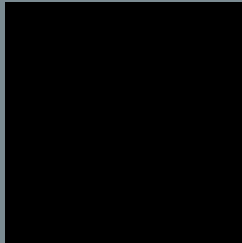
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

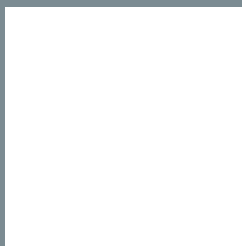
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5893, 24.7515, 30.7811

Background



This preview shows how black text looks on a background with the XYZ color 22.5893, 24.7515, 30.7811.



This preview shows how white text looks on a background with the XYZ color 22.5893, 24.7515,

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

22.5893, 24.7515, 30.7811

Protanopia

23.8514, 24.5758, 29.8721

Deuteranopia

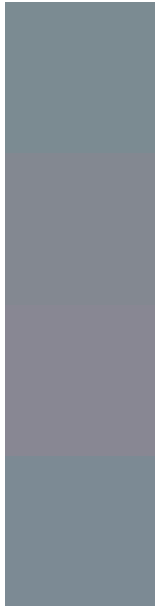
25.0193, 24.5384, 31.0215



Tritanopia

22.8255, 24.6320, 31.9852

Trichromacy



Original Color

22.5893, 24.7515, 30.7811

Protanomaly

23.2751, 24.4779, 30.2861

Deuteranomaly

24.0838, 24.6688, 31.0960

Tritanomaly

22.7460, 24.6002, 31.5664

Monochromacy



Original Color

22.5893, 24.7515, 30.7811

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8244, 24.2977, 27.9130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5893, 24.7515, 30.7811 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(123, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(123, 139, 146)  
}
```

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(123, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 139, 146) }
```

Border

The CSS property to change the border of an element to XYZ 22.5893, 24.7515, 30.7811 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(123, 139, 146) }
```


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

```
.border{ border-color:rgb(123, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(123, 139,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5893, 24.7515, 30.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 139, 146) }
```

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

```
.background{ background-color: rgb(123,  
139, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor