

Converting Colors

XYZ(21.0213, 24.8394, 27.9276)

Have a look what the booklet for
XYZ(21.0213, 24.8394, 27.9276)
contains.

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Color

**XYZ(21.0382, 24.8885,
28.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8F8B
RGB	111, 143, 139
RGB Percent	44%, 56%, 55%
CMY	0.5647, 0.4392, 0.4549
CMYK	0.22, 0.00, 0.03, 0.44
HSL	172°, 13%, 50%
HSV	172°, 22%, 56%
XYZ	21.0382, 24.8885, 28.1212
YIQ	132.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

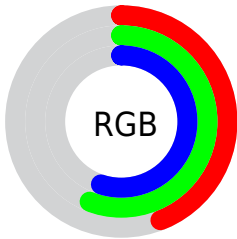
Format	Color
R_{YB}	111, 128, 143
Decimal	7311243
CIE _{Lab}	56.97, -12.06, -1.56
CIE _{LCh}	57, 12.158, 187.381
Yxy	24.8885, 0.2841, 0.3361
Android (android.graphics.Color)	4285501323 (0xFF6F8F8B)
YUV	132.9760, 2.9698, -19.2730
Hunter-Lab	49.8884, -12.0302, 1.5011

Details

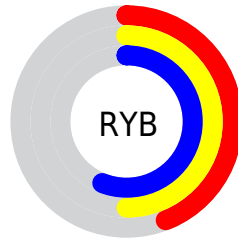
The XYZ color **21.0382, 24.8885, 28.1212** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1075, 18.4470, 18.7216**, and the grayscale version is **22.2803, 23.4406, 25.5268**.

A 20% lighter version of the original color is **44.5849, 51.5248, 57.4646**, and **7.7041, 9.5741, 10.8931** is the 20% darker color. If you saturate the color by 10%, you get **19.2515, 23.9831, 27.3615**, and if you desaturate by 10%, it is **23.1165, 25.9454, 28.9068**.

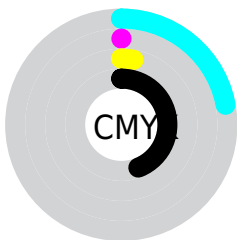
Distribution



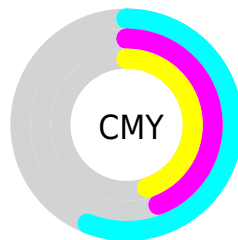
- Red (44%)
- Green (56%)
- Blue (55%)



- Red (44%)
- Yellow (50%)
- Blue (56%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0382, 24.8885, 28.1212 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 21.0382, 24.8885, 28.1212 by changing the saturation by 10% instead.

■ 21.0382, 24.8885,
28.1212

■ 21.0382, 24.8885,
28.1212

250.2093,
277.2822, 306.9757

■ 13.2645, 15.9940,
18.1772

■ 44.6419, 51.4763,
57.7033

■ 7.6892, 9.5199,
10.9065

■ 61.2027, 69.9384,
78.1785

■ 3.9469, 5.0818,
5.8906

■ 81.4232, 92.3584,
103.0012

■ 1.6721, 2.2954,
2.7110

■ 105.6688,
119.1208, 132.5899

■ 0.4387, 0.7712,
0.9489

134.3048,
150.6100, 167.3632

■ 0.0000, 0.0000,
0.0000

167.6967,

187.2104, 207.7395

206.2097,
229.3063, 254.1375

■ 21.0382, 24.8885,
28.1212

■ 21.0382, 24.8885,
28.1212

■ 19.2515, 23.9831,
27.3615

■ 23.1165, 25.9454,
28.9068

■ 17.7407, 23.2189,
26.6253

■ 25.4972, 27.1571,
29.7172

■ 16.4915, 22.5895,
25.9124

■ 28.1928, 28.5311,
30.5536

■ 15.4880, 22.0863,
25.2220

■ 31.2149, 30.0730,
31.4166

■ 14.7119, 21.7003,
24.5531

■ 34.5741, 31.7885,
32.3067

■ 14.1429, 21.4207,
23.9049

■ 38.2808, 33.6829,
33.2246

■ 13.7567, 21.2351,
23.2761

■ 42.3448, 35.7613,
34.1706

■ 13.5322, 21.1295,
22.8073

■ 46.7755, 38.0284,
35.1453

■ 51.5822, 40.4891,
36.1491

Harmonies

Analogous

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



21.2128, 24.8885, 24.1886



21.0382, 24.8885, 28.1212



21.5422, 24.8885, 32.1544

Triad

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



21.0382, 24.8885, 28.1212



25.3606, 24.8885, 33.8339



24.7266, 24.8885, 20.4749

Complementary

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



21.0382, 24.8885, 28.1212



20.1075, 18.4470, 18.7216

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.



25.9033, 24.8885, 22.6040



21.0382, 24.8885, 28.1212



26.2795, 24.8885, 30.2347

Square

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



21.0382, 24.8885, 28.1212



24.0099, 24.8885, 35.6613



26.4819, 24.8885, 26.1026



23.3051, 24.8885, 20.0308

Rectangle

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



21.0382, 24.8885, 28.1212



22.2076, 24.8885, 34.2699



26.4819, 24.8885, 26.1026



25.1656, 24.8885, 21.0060

Sweetspot

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



21.0389, 24.8895, 28.1218



43.5569, 47.5615, 52.5186



19.7978, 24.4566, 18.7165



9.9397, 10.8820, 12.0270



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.



21.0389, 24.8895, 28.1218



35.9504, 43.6958, 49.6471



19.6664, 21.6678, 29.1336



5.5316, 6.1049, 6.7654



11.9697, 18.6838, 20.1926



0.1197, 0.1807, 0.2208

Inverse Universe

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



20.1075, 18.4470, 18.7216



33.9704, 29.9934, 29.6589



21.2477, 21.0880, 17.9899



5.4346, 5.4344, 5.7868



10.1162, 5.2035, 0.9975



0.1010, 0.0515, 0.0321

Previews

White Background



This preview shows how the XYZ color 21.0382, 24.8885, 28.1212 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 21.0382, 24.8885, 28.1212 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 21.0382, 24.8885, 28.1212

Background



This preview shows how black text looks on a background with the XYZ color 21.0382, 24.8885, 28.1212.



This preview shows how white text looks on a background with the XYZ color 21.0382, 24.8885,

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

21.0382, 24.8885, 28.1212

Protanopia

23.8248, 24.8466, 26.4618

Deuteranopia

25.0916, 24.6287, 28.6306



Tritanopia

22.1318, 24.8942, 33.3443

Trichromacy



Original Color

21.0382, 24.8885, 28.1212

Protanomaly

22.7298, 24.9099, 26.9027

Deuteranomaly

23.3693, 24.5701, 28.3218

Tritanomaly

21.7495, 24.9633, 31.2758

Monochromacy



Original Color

21.0382, 24.8885, 28.1212

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7763, 24.0006, 26.4065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0382, 24.8885, 28.1212 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(111, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(111, 143, 139)  
}
```

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(111, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.0382, 24.8885, 28.1212 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(111, 143, 139) }
```


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

```
.border{ border-color:rgb(111, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(111, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0382, 24.8885, 28.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 143, 139) }
```

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

```
.background{ background-color: rgb(111,  
143, 139) }
```

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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