

Converting Colors

XYZ(21.5385, 22.9262, 28.1982)

Have a look what the booklet for
XYZ(21.5385, 22.9262, 28.1982)
contains.

XYZ(21.5786, 23.0285, 28.1186)	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(21.5786, 23.0285,
28.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	7D858C
RGB	125, 133, 140
RGB Percent	49%, 52%, 55%
CMY	0.5098, 0.4784, 0.4510
CMYK	0.11, 0.05, 0.00, 0.45
HSL	208°, 6%, 52%
HSV	208°, 11%, 55%
XYZ	21.5786, 23.0285, 28.1186
YIQ	131.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

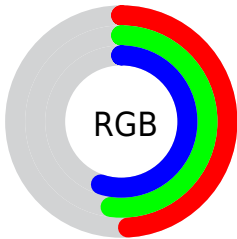
Format	Color
R_{YB}	125, 130, 140
Decimal	8226188
CIE _{Lab}	55.10, -1.45, -4.77
CIE _{LCh}	55, 4.989, 253.098
Yxy	23.0285, 0.2967, 0.3166
Android (android.graphics.Color)	4286416268 (0xFF7D858C)
YUV	131.4060, 4.2368, -5.6181
Hunter-Lab	47.9880, -3.7136, -1.1494

Details

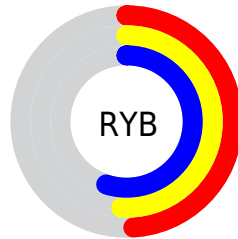
The XYZ color **21.5786, 23.0285, 28.1186** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7682, 23.5585, 22.7496**, and the grayscale version is **21.7063, 22.8367, 24.8691**.

A 20% lighter version of the original color is **45.6566, 48.4778, 57.9897**, and **7.9963, 8.6153, 10.9143** is the 20% darker color. If you saturate the color by 10%, you get **18.8107, 20.3157, 27.7412**, and if you desaturate by 10%, it is **24.6916, 26.0030, 28.5290**.

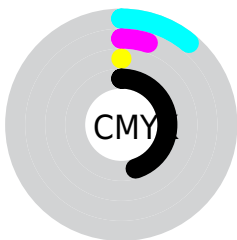
Distribution



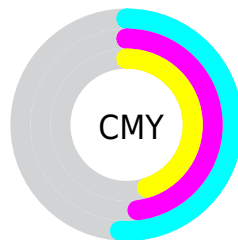
- Red (49%)
- Green (52%)
- Blue (55%)



- Red (49%)
- Yellow (51%)
- Blue (55%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5786, 23.0285, 28.1186 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 21.5786, 23.0285, 28.1186 by changing the saturation by 10% instead.

■ 21.5786, 23.0285,
28.1186

■ 21.5786, 23.0285,
28.1186

253.0116,
267.8713, 306.9629

■ 13.6625, 14.6146,
18.1753

■ 45.5326, 48.4401,
57.6991

■ 7.9664, 8.5493,
10.9051

■ 62.3011, 66.2066,
78.1734

■ 4.1251, 4.4484,
5.8897

■ 82.7512, 87.8593,
102.9950

■ 1.7731, 1.9274,
2.7104

107.2481,
113.7828, 132.5826

■ 0.5014, 0.5648,
0.9487

136.1573,
144.3613, 167.3546

■ 0.0000, 0.0000,
0.0000

169.8440,

179.9793, 207.7297

208.6736,
221.0212, 254.1263

■ 21.5786, 23.0285,
28.1186

■ 21.5786, 23.0285,
28.1186

■ 18.8107, 20.3157,
27.7412

■ 24.6916, 26.0030,
28.5290

■ 16.3729, 17.8535,
27.3945

■ 28.1599, 29.2440,
28.9718

■ 14.2519, 15.6342,
27.0779

■ 31.9958, 32.7600,
29.4483

■ 12.4329, 13.6486,
26.7905

■ 36.2104, 36.5580,
29.9592

■ 10.8997, 11.8866,
26.5312

■ 40.8143, 40.6448,
30.5054

■ 9.6344, 10.3374,
26.2989

■ 45.8177, 45.0270,
31.0876

■ 8.6169, 8.9889,
26.0922

■ 51.2303, 49.7110,
31.7064

■ 7.8237, 7.8271,
25.9098

■ 57.0616, 54.7028,
32.3625

■ 7.2286, 6.8833,
25.7589

■ 63.3207, 60.0083,
33.0567

Harmonies

Analogous

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



21.1167, 23.0285, 27.2244



21.5786, 23.0285, 28.1186



22.1310, 23.0285, 28.1754

Triad

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



21.5786, 23.0285, 28.1186



22.9456, 23.0285, 24.3868



21.1657, 23.0285, 22.9046

Complementary

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



21.5786, 23.0285, 28.1186



22.7682, 23.5585, 22.7496

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.



21.6466, 23.0285, 22.2092



21.5786, 23.0285, 28.1186



22.6777, 23.0285, 23.0402

Square

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



21.5786, 23.0285, 28.1186



22.9266, 23.0285, 25.9747



22.2001, 23.0285, 22.2577



20.8810, 23.0285, 24.1946

Rectangle

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



21.5786, 23.0285, 28.1186



22.4768, 23.0285, 27.7270



22.2001, 23.0285, 22.2577



21.3094, 23.0285, 22.5961

Sweetspot

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



21.5793, 23.0295, 28.1191



42.1872, 44.5705, 50.1224



21.9837, 24.7757, 25.3641



9.6232, 10.1772, 11.5366



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.



21.5793, 23.0295, 28.1191



36.7384, 39.3337, 49.3988



20.6204, 21.1117, 27.7995



4.9811, 5.3051, 6.3673



6.4427, 6.1557, 22.8943



0.0575, 0.0702, 0.1570

Inverse Universe

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



22.3830, 21.9366, 25.2459



38.4741, 37.0228, 43.1831



23.7861, 25.5942, 23.0889



5.1371, 5.0903, 5.8102



10.7388, 5.4056, 6.3948



0.0787, 0.0389, 0.0815

Previews

White Background



This preview shows how the XYZ color 21.5786, 23.0285, 28.1186 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 21.5786, 23.0285, 28.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

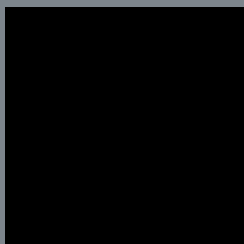
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

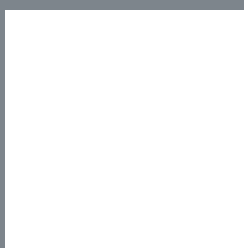
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5786, 23.0285, 28.1186

Background



This preview shows how black text looks on a background with the XYZ color 21.5786, 23.0285, 28.1186.



This preview shows how white text looks on a background with the XYZ color 21.5786, 23.0285,

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

21.5786, 23.0285, 28.1186

Protanopia

22.2922, 23.0022, 27.6910

Deuteranopia

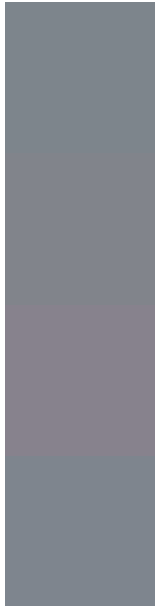
23.3421, 22.9369, 28.3963



Tritanopia

21.9496, 23.1938, 29.3066

Trichromacy



Original Color

21.5786, 23.0285, 28.1186

Protanomaly

21.9647, 23.0337, 27.7144

Deuteranomaly

22.7820, 23.0392, 28.4456

Tritanomaly

21.8742, 23.1637, 28.9093

Monochromacy



Original Color

21.5786, 23.0285, 28.1186

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6076, 22.8909, 25.8338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5786, 23.0285, 28.1186 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(125, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 133, 140)  
}
```

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(125, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 133, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.5786, 23.0285, 28.1186 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(125, 133, 140) }
```


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

```
.border{ border-color:rgb(125, 133, 140) }
```

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

Here you see how a box with a 4 pixel rgb(125, 133, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 133,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5786, 23.0285, 28.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 133, 140) }
```

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

```
.background{ background-color: rgb(125,  
133, 140) }
```

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