

Converting Colors

XYZ(21.2086, 20.2394, 20.7932)

Have a look what the booklet for
XYZ(21.2086, 20.2394, 20.7932)
contains.

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Color

**XYZ(21.0850, 20.0881,
20.8553)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7679
RGB	142, 118, 121
RGB Percent	56%, 46%, 47%
CMY	0.4431, 0.5372, 0.5255
CMYK	0.00, 0.17, 0.15, 0.44
HSL	353°, 10%, 51%
HSV	353°, 17%, 56%
XYZ	21.0850, 20.0881, 20.8553
YIQ	125.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

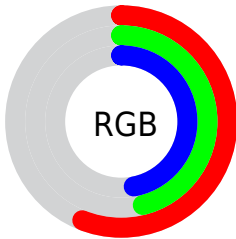
Format	Color
R_{YB}	142, 118, 121
Decimal	9336441
CIE Lab	51.94, 9.85, 1.84
CIE LCh	52, 10.019, 10.610
Yxy	20.0881, 0.3399, 0.3239
Android (android.graphics.Color)	4287526521 (0xFF8E7679)
YUV	125.5180, -2.2274, 14.4547
Hunter-Lab	44.8198, 5.5390, 3.7853

Details

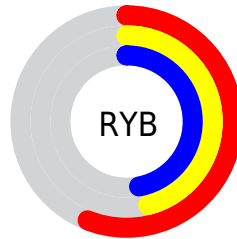
The XYZ color **21.0850, 20.0881, 20.8553** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8052, 25.0622, 28.1156**, and the grayscale version is **19.6723, 20.6968, 22.5389**.

A 20% lighter version of the original color is **44.6825, 43.5023, 45.5769**, and **7.7071, 7.0855, 7.2648** is the 20% darker color. If you saturate the color by 10%, you get **18.8235, 16.7069, 16.5809**, and if you desaturate by 10%, it is **23.6976, 24.0139, 25.7315**.

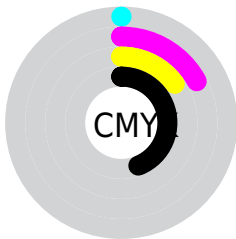
Distribution



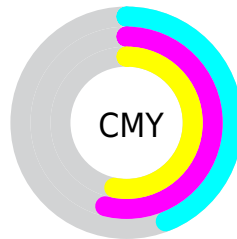
- Red (56%)
- Green (46%)
- Blue (47%)



- Red (56%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0850, 20.0881, 20.8553 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 21.0850, 20.0881, 20.8553 by changing the saturation by 10% instead.

■ 21.0850, 20.0881,
20.8553

■ 21.0850, 20.0881,
20.8553

250.4530,
252.3917, 269.2642

■ 13.2990, 12.4591,
12.8281

■ 44.7192, 43.5648,
45.7242

■ 7.7132, 7.0572,
7.1809

■ 61.2980, 60.1814,
63.4030

■ 3.9622, 3.4979,
3.4953

■ 81.5385, 80.5625,
85.1361

■ 1.6808, 1.3969,
1.3528

105.8060,
105.0927, 111.3420

■ 0.4442, 0.2144,
0.1045

134.4658,
134.1563, 142.4392

■ 0.0000, 0.0000,
0.0000

167.8834,

168.1378, 178.8462

206.4240,
207.4214, 220.9818

■ 21.0850, 20.0881,
20.8553

■ 21.0850, 20.0881,
20.8553

■ 18.8235, 16.7069,
16.5809

■ 23.6976, 24.0139,
25.7315

■ 16.8964, 13.8437,
12.8838

■ 26.6736, 28.5040,
31.2304

■ 15.2884, 11.4736,
9.7394

■ 30.0269, 33.5805,
37.3732

■ 13.9819, 9.5688,
7.1212

■ 33.7700, 39.2635,
44.1800

■ 12.9582, 8.0985,
5.0002

■ 37.9149, 45.5721,
51.6699

■ 12.1958, 7.0284,
3.3447

■ 42.4732, 52.5245,
59.8611

■ 11.6707, 6.3189,
2.1192

■ 47.4559, 60.1384,
68.7713

■ 11.3442, 5.9028,
1.2800

■ 52.8735, 68.4305,
78.4175

■ 11.2625, 5.7937,
1.0858

■ 58.7364, 77.4172,
88.8161

Harmonies

Analogous

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



21.0021, 20.0881, 23.7894



21.0850, 20.0881, 20.8553



20.6200, 20.0881, 18.4187

Triad

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



21.0850, 20.0881, 20.8553



17.8457, 20.0881, 17.8822



18.4498, 20.0881, 27.6057

Complementary

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



21.0850, 20.0881, 20.8553



21.8052, 25.0622, 28.1156

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.



17.6436, 20.0881, 25.7331



21.0850, 20.0881, 20.8553



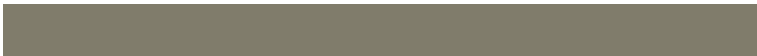
17.3035, 20.0881, 20.0614

Square

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



21.0850, 20.0881, 20.8553



18.7346, 20.0881, 16.8064



17.2308, 20.0881, 22.9223



19.4563, 20.0881, 27.8663

Rectangle

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



21.0850, 20.0881, 20.8553



20.0712, 20.0881, 17.3375



17.2308, 20.0881, 22.9223



18.1474, 20.0881, 27.1365

Sweetspot

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



21.0856, 20.0890, 20.8557



42.6825, 43.6931, 47.0339



21.9757, 20.3825, 28.3675



9.4643, 9.6551, 10.3774



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.



21.0856, 20.0890, 20.8557



35.7105, 33.2207, 34.0075



21.9896, 22.1867, 20.2640



5.4346, 5.4344, 5.7866



10.1161, 5.2035, 0.9967



0.1010, 0.0515, 0.0321

Inverse Universe

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



21.0856, 20.0890, 20.8557



35.7105, 33.2207, 34.0075



20.7694, 22.6352, 28.8659



5.4346, 5.4344, 5.7866



10.1161, 5.2035, 0.9967



0.1010, 0.0515, 0.0321

Previews

White Background



This preview shows how the XYZ color 21.0850, 20.0881, 20.8553 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 21.0850, 20.0881, 20.8553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

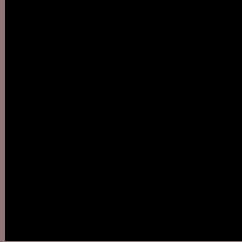
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0850, 20.0881, 20.8553

Background



This preview shows how black text looks on a background with the XYZ color 21.0850, 20.0881, 20.8553.



This preview shows how white text looks on a background with the XYZ color 21.0850, 20.0881,

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

21.0850, 20.0881, 20.8553

Protanopia

19.3252, 20.0568, 21.9216

Deuteranopia

20.4842, 20.1318, 20.8953



Tritanopia

21.4549, 20.0686, 22.4815

Trichromacy



Original Color

21.0850, 20.0881, 20.8553

Protanomaly

19.9282, 20.0103, 21.5509

Deuteranomaly

20.6955, 20.0631, 20.8710

Tritanomaly

21.3271, 20.0175, 21.8085

Monochromacy



Original Color

21.0850, 20.0881, 20.8553

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2368, 20.5267, 21.9642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0850, 20.0881, 20.8553 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(142, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(142, 118, 121)  
}
```

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(142, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 118, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.0850, 20.0881, 20.8553 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(142, 118, 121) }
```


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

```
.border{ border-color:rgb(142, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(142, 118,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0850, 20.0881, 20.8553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 118, 121) }
```

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

```
.background{ background-color: rgb(142,  
118, 121) }
```

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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