

Converting Colors

XYZ(20.8649, 21.1486, 24.1645)

Have a look what the booklet for
XYZ(20.8649, 21.1486, 24.1645)
contains.

XYZ(20.8786, 21.1845, 24.1077)	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(20.8786, 21.1845,
24.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	847D82
RGB	132, 125, 130
RGB Percent	52%, 49%, 51%
CMY	0.4824, 0.5098, 0.4902
CMYK	0.00, 0.05, 0.02, 0.48
HSL	317°, 3%, 50%
HSV	317°, 5%, 52%
XYZ	20.8786, 21.1845, 24.1077
YIQ	127.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

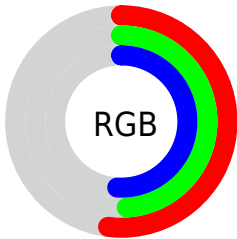
Format	Color
R_{YB}	132, 125, 130
Decimal	8682882
CIE Lab	53.15, 3.62, -1.77
CIE LCh	53, 4.032, 333.994
Yxy	21.1845, 0.3155, 0.3201
Android (android.graphics.Color)	4286872962 (0xFF847D82)
YUV	127.6630, 1.1521, 3.8035
Hunter-Lab	46.0266, 0.4246, 1.1639

Details

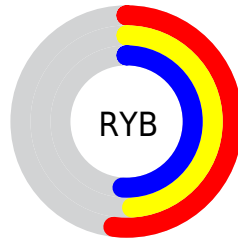
The XYZ color **20.8786, 21.1845, 24.1077** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5403, 22.3953, 23.3199**, and the grayscale version is **20.3972, 21.4594, 23.3693**.

A 20% lighter version of the original color is **44.4752, 45.5740, 51.2523**, and **7.6369, 7.6020, 8.8494** is the 20% darker color. If you saturate the color by 10%, you get **19.0690, 17.9628, 22.2782**, and if you desaturate by 10%, it is **22.9208, 24.8559, 26.0611**.

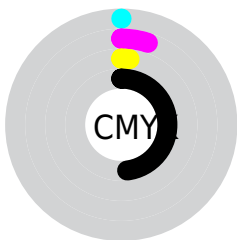
Distribution



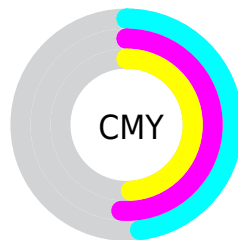
- Red (52%)
- Green (49%)
- Blue (51%)



- Red (52%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8786, 21.1845, 24.1077 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 20.8786, 21.1845, 24.1077 by changing the saturation by 10% instead.

■ 20.8786, 21.1845,
24.1077

■ 20.8786, 21.1845,
24.1077

249.3766,
258.2574, 286.6686

■ 13.1472, 13.2589,
15.2006

■ 44.3782, 45.3944,
51.1519

■ 7.6077, 7.6071,
8.8121

■ 60.8772, 62.4475,
70.1261

■ 3.8947, 3.8446,
4.5237

■ 81.0294, 83.3119,
93.2931

■ 1.6427, 1.5870,
1.9168

105.2002,
108.3720, 121.0714

■ 0.4200, 0.3488,
0.5034

133.7550,
138.0122, 153.8796

■ 0.0000, 0.0000,
0.0000

167.0590,

172.6169, 192.1361

205.4778,
212.5705, 236.2596

■ 20.8786, 21.1845,
24.1077

■ 20.8786, 21.1845,
24.1077

■ 19.0690, 17.9628,
22.2782

■ 22.9208, 24.8559,
26.0611

■ 17.4814, 15.1707,
20.5677

■ 25.2021, 28.9908,
28.1403

■ 16.1070, 12.7906,
18.9731

■ 27.7310, 33.6057,
30.3487

■ 14.9357, 10.8024,
17.4906

■ 30.5151, 38.7155,
32.6894

■ 13.9568, 9.1846,
16.1161

■ 33.5614, 44.3344,
35.1652

■ 13.1583, 7.9135,
14.8450

■ 36.8769, 50.4762,
37.7789

■ 12.5268, 6.9626,
13.6723

■ 40.4683, 57.1540,
40.5331

■ 12.0472, 6.3017,
12.5926

■ 44.3420, 64.3804,
43.4304

■ 11.6967, 5.8857,
11.5975

■ 48.5042, 72.1678,
46.4733

Harmonies

Analogous

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



20.5956, 21.1845, 25.0615



20.8786, 21.1845, 24.1077



20.9614, 21.1845, 22.9037

Triad

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



20.8786, 21.1845, 24.1077



20.0784, 21.1845, 20.8097



19.4653, 21.1845, 24.3997

Complementary

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



20.8786, 21.1845, 24.1077



20.5403, 22.3953, 23.3199

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.



19.3310, 21.1845, 23.2297



20.8786, 21.1845, 24.1077



19.6818, 21.1845, 21.1800

Square

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



20.8786, 21.1845, 24.1077



20.4956, 21.1845, 21.0263



19.4097, 21.1845, 22.0554



19.7791, 21.1845, 25.2342

Rectangle

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



20.8786, 21.1845, 24.1077



20.8910, 21.1845, 22.1277



19.4097, 21.1845, 22.0554



19.3979, 21.1845, 24.0311

Sweetspot

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



20.8792, 21.1854, 24.1082



37.9038, 39.3349, 43.5621



20.2493, 20.8450, 24.7863



8.8363, 9.1787, 10.1533



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.8792, 21.1854, 24.1082



36.4973, 36.8151, 42.1893



20.6494, 21.0935, 22.8980



4.9245, 4.9583, 5.6945



11.1842, 5.5380, 10.8081



0.0419, 0.0204, 0.0540

Inverse Universe

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



20.8792, 21.1854, 24.1082



36.4973, 36.8151, 42.1893



20.7712, 22.4877, 24.5359



4.9245, 4.9583, 5.6945



11.1842, 5.5380, 10.8081



0.0419, 0.0204, 0.0540

Previews

White Background



This preview shows how the XYZ color 20.8786, 21.1845, 24.1077 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 20.8786, 21.1845, 24.1077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

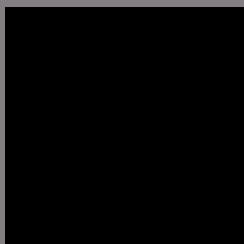
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8786, 21.1845, 24.1077

Background



This preview shows how black text looks on a background with the XYZ color 20.8786, 21.1845, 24.1077.



This preview shows how white text looks on a background with the XYZ color 20.8786, 21.1845,

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

20.8786, 21.1845, 24.1077

Protanopia

20.4597, 21.1496, 24.4767

Deuteranopia

21.5935, 21.1809, 24.0693



Tritanopia

21.1836, 21.1231, 25.5149

Trichromacy



Original Color

20.8786, 21.1845, 24.1077

Protanomaly

20.6108, 21.2275, 24.4837

Deuteranomaly

21.3903, 21.2612, 24.0955

Tritanomaly

21.1142, 21.0953, 25.1493

Monochromacy



Original Color

20.8786, 21.1845, 24.1077

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.6051, 21.4308, 23.8194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8786, 21.1845, 24.1077 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(132, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 130)  
}
```

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(132, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.8786, 21.1845, 24.1077 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(132, 125, 130) }
```


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

```
.border{ border-color:rgb(132, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8786, 21.1845, 24.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 130) }
```

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

```
.background{ background-color: rgb(132,  
125, 130) }
```

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