

Converting Colors

XYZ(21.6681, 25.5263, 17.0422)

Have a look what the booklet for
XYZ(21.6681, 25.5263, 17.0422)
contains.

XYZ(21.5782, 25.4107, 17.1321)	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(21.5782, 25.4107,
17.1321)**

Conversions

Conversions Part 1

Format	Color
Hex	828F69
RGB	130, 143, 105
RGB Percent	51%, 56%, 41%
CMY	0.4902, 0.4392, 0.5882
CMYK	0.09, 0.00, 0.27, 0.44
HSL	81°, 15%, 49%
HSV	81°, 27%, 56%
XYZ	21.5782, 25.4107, 17.1321
YIQ	134.7810, 4.4500, -14.5740

Conversions

Conversions Part 2

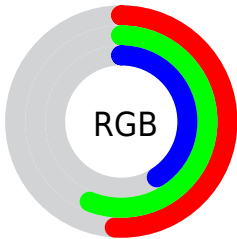
Format	Color
RYB	105, 143, 118
Decimal	8556393
CIELab	57.47, -11.68, 18.71
CIElCh	57, 22.050, 121.971
Yxy	25.4107, 0.3365, 0.3963
Android (android.graphics.Color)	4286746473 (0xFF828F69)
YUV	134.7810, -14.6820, -4.1929
Hunter-Lab	50.4090, -11.8067, 15.1359

Details

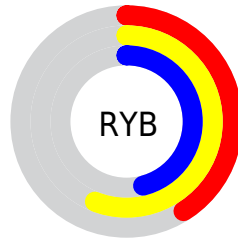
The XYZ color **21.5782, 25.4107, 17.1321** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4818, 15.9386, 28.1431**, and the grayscale version is **23.0001, 24.1978, 26.3515**.

A 20% lighter version of the original color is **45.4954, 52.4001, 39.1689**, and **7.9611, 9.8296, 5.3486** is the 20% darker color. If you saturate the color by 10%, you get **20.1716, 24.7642, 13.5469**, and if you desaturate by 10%, it is **23.1455, 26.1273, 21.3711**.

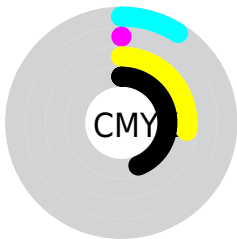
Distribution



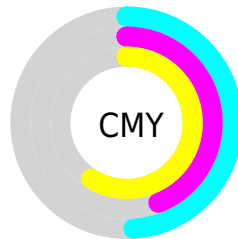
- Red (51%)
- Green (56%)
- Blue (41%)



- Red (41%)
- Yellow (56%)
- Blue (46%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5782, 25.4107, 17.1321 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 21.5782, 25.4107, 17.1321 by changing the saturation by 10% instead.

■ 21.5782, 25.4107,
17.1321

■ 21.5782, 25.4107,
17.1321

253.0095,
279.8771, 248.0022

■ 13.6622, 16.3833,
10.1658

■ 45.5319, 52.3227,
39.3465

■ 7.9662, 9.7958,
5.4020

■ 62.3003, 70.9761,
55.4317

■ 4.1249, 5.2638,
2.4222

■ 82.7502, 93.6070,
75.3936

■ 1.7731, 2.4028,
0.7985

■ 107.2469,
120.5997, 99.6506

■ 0.5014, 0.8274,
0.0000

136.1559,
152.3387, 128.6215

■ 0.0000, 0.0000,
0.0000

169.8424,

189.2083, 162.7247

208.6718,
231.5930, 202.3787

■ 21.5782, 25.4107,
17.1321

■ 21.5782, 25.4107,
17.1321

■ 20.1716, 24.7642,
13.5469

■ 23.1455, 26.1273,
21.3711

■ 18.9169, 24.1818,
10.5813

■ 24.8777, 26.9131,
26.2926

■ 17.8078, 23.6615,
8.2005

■ 26.7813, 27.7717,
31.9255

■ 16.8361, 23.2003,
6.3655

■ 28.8619, 28.7055,
38.2966

■ 15.9932, 22.7944,
5.0326

■ 31.1247, 29.7164,
45.4313

■ 15.2690, 22.4397,
4.1516

■ 33.5749, 30.8067,
53.3537

■ 14.6472, 22.1299,
3.6402

■ 36.2171, 31.9782,
62.0870

■ 14.4465, 22.0295,
3.4907

■ 39.0560, 33.2330,
71.6534

■ 42.0962, 34.5727,
82.0742

Harmonies

Analogous

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



23.9790, 25.4107, 15.5947



21.5782, 25.4107, 17.1321



19.9671, 25.4107, 21.4187

Triad

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



21.5782, 25.4107, 17.1321



21.8581, 25.4107, 42.4813



29.5530, 25.4107, 27.1741

Complementary

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



21.5782, 25.4107, 17.1321



17.4818, 15.9386, 28.1431

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.



28.8845, 25.4107, 35.0279



21.5782, 25.4107, 17.1321



24.3260, 25.4107, 44.7651

Square

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



21.5782, 25.4107, 17.1321



20.1203, 25.4107, 36.0447



26.9230, 25.4107, 41.8235



28.6895, 25.4107, 20.7013

Rectangle

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



21.5782, 25.4107, 17.1321



19.4932, 25.4107, 25.6985



26.9230, 25.4107, 41.8235



29.4998, 25.4107, 29.7355

Sweetspot

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



21.5789, 25.4118, 17.1326



44.0346, 47.9615, 45.5938



20.3177, 19.7389, 16.1041



9.9966, 10.9527, 10.1638



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.



21.5789, 25.4118, 17.1326



37.0713, 44.7844, 26.6265



18.9707, 24.0673, 17.0106



5.6628, 6.1943, 5.7865



12.7957, 19.4890, 3.0874



0.1460, 0.1985, 0.0306

Inverse Universe

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



17.4818, 15.9386, 28.1431



28.4406, 24.8223, 49.8302



20.2724, 17.3772, 28.2737



5.2927, 5.3391, 6.7804



5.5215, 2.3400, 23.1377



0.0747, 0.0337, 0.2222

Previews

White Background



This preview shows how the XYZ color 21.5782, 25.4107, 17.1321 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 21.5782, 25.4107, 17.1321 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

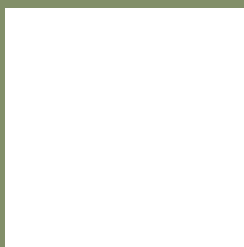
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5782, 25.4107, 17.1321

Background



This preview shows how black text looks on a background with the XYZ color 21.5782, 25.4107, 17.1321.



This preview shows how white text looks on a background with the XYZ color 21.5782, 25.4107,

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

21.5782, 25.4107, 17.1321

Protanopia

23.7494, 25.4521, 16.4930

Deuteranopia

25.6030, 25.1411, 17.4132



Tritanopia

24.4443, 25.2637, 31.6050

Trichromacy



Original Color

21.5782, 25.4107, 17.1321

Protanomaly

22.8613, 25.4184, 16.7980

Deuteranomaly

23.9834, 25.1330, 17.2228

Tritanomaly

23.2290, 25.1995, 25.4695

Monochromacy



Original Color

21.5782, 25.4107, 17.1321

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3994, 24.6187, 22.6401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5782, 25.4107, 17.1321 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(130, 143, 105)` looks like.

```
.text, #text, p{  
    color:rgb(130, 143, 105)  
}
```

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(130, 143, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 143, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.5782, 25.4107, 17.1321 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(130, 143, 105) }
```


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

```
.border{ border-color:rgb(130, 143, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 143, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 143, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 143, 105);  
box-shadow:4px 4px 4px 4px rgb(130, 143,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5782, 25.4107, 17.1321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 143, 105) }
```

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

```
.background{ background-color: rgb(130,  
143, 105) }
```

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