

Converting Colors

XYZ(21.6360, 25.1791, 18.7271)

Have a look what the booklet for
XYZ(21.6360, 25.1791, 18.7271)
contains.

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Color

**XYZ(21.5955, 25.1608,
18.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	818E6F
RGB	129, 142, 111
RGB Percent	51%, 56%, 44%
CMY	0.4941, 0.4431, 0.5647
CMYK	0.09, 0.00, 0.22, 0.44
HSL	85°, 12%, 50%
HSV	85°, 22%, 56%
XYZ	21.5955, 25.1608, 18.7572
YIQ	134.5790, 2.2030, -12.3970

Conversions

Conversions Part 2

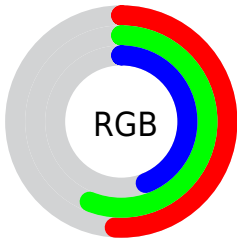
Format	Color
RYB	111, 142, 124
Decimal	8490607
CIELab	57.23, -10.55, 14.98
CIElCh	57, 18.322, 125.166
Yxy	25.1608, 0.3296, 0.3841
Android (android.graphics.Color)	4286680687 (0xFF818E6F)
YUV	134.5790, -11.6244, -4.8928
Hunter-Lab	50.1605, -10.9318, 12.9413

Details

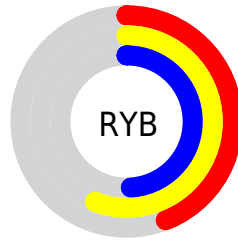
The XYZ color **21.5955, 25.1608, 18.7572** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8800, 17.6076, 27.9960**, and the grayscale version is **22.9149, 24.1082, 26.2539**.

A 20% lighter version of the original color is **45.6422, 52.0693, 42.2951**, and **7.9488, 9.6754, 6.1512** is the 20% darker color. If you saturate the color by 10%, you get **19.9967, 24.4206, 14.9203**, and if you desaturate by 10%, it is **23.3727, 25.9801, 23.2524**.

Distribution



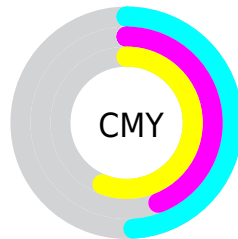
- Red (51%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (49%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5955, 25.1608, 18.7572 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 21.5955, 25.1608, 18.7572 by changing the saturation by 10% instead.

■ 21.5955, 25.1608,
18.7572

■ 21.5955, 25.1608,
18.7572

253.0988,
278.6378, 257.4830

■ 13.6749, 16.1969,
11.3199

■ 45.5604, 51.9180,
42.1546

■ 7.9751, 9.6636,
6.1656

■ 62.3354, 70.4800,
58.9519

■ 4.1307, 5.1765,
2.8756

■ 82.7926, 93.0102,
79.7062

■ 1.7763, 2.3512,
1.0315

■ 107.2973,
119.8930, 104.8362

■ 0.5033, 0.8006,
0.0000

136.2150,
151.5128, 134.7603

■ 0.0000, 0.0000,
0.0000

169.9108,

188.2539, 169.8971

208.7503,
230.5008, 210.6651

■ 21.5955, 25.1608,
18.7572

■ 21.5955, 25.1608,
18.7572

■ 19.9967, 24.4206,
14.9203

■ 23.3727, 25.9801,
23.2524

■ 18.5675, 23.7535,
11.7092

■ 25.3327, 26.8779,
28.4331

■ 17.3015, 23.1574,
9.0910

■ 27.4821, 27.8577,
34.3270

■ 16.1906, 22.6292,
7.0292

■ 29.8266, 28.9220,
40.9598

■ 15.2263, 22.1653,
5.4833

■ 32.3717, 30.0729,
48.3560

■ 14.3989, 21.7617,
4.4071

■ 35.1225, 31.3128,
56.5387

■ 13.6969, 21.4138,
3.7465

■ 38.0841, 32.6436,
65.5302

■ 13.1920, 21.1609,
3.3892

■ 41.2613, 34.0673,
75.3521

■ 44.6586, 35.5861,
86.0248

Harmonies

Analogous

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



23.5416, 25.1608, 17.1521



21.5955, 25.1608, 18.7572



20.3310, 25.1608, 22.6860

Triad

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



21.5955, 25.1608, 18.7572



22.2079, 25.1608, 39.7069



28.3063, 25.1608, 26.3360

Complementary

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



21.5955, 25.1608, 18.7572



18.8800, 17.6076, 27.9960

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.



27.8963, 25.1608, 32.7162



21.5955, 25.1608, 18.7572



24.2915, 25.1608, 41.0727

Square

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



21.5955, 25.1608, 18.7572



20.6693, 25.1608, 34.8546



26.3940, 25.1608, 38.3475



27.4829, 25.1608, 21.0851

Rectangle

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



21.5955, 25.1608, 18.7572



20.0005, 25.1608, 26.4030



26.3940, 25.1608, 38.3475



28.3086, 25.1608, 28.4132

Sweetspot

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



21.5962, 25.1619, 18.7577



42.7925, 46.5355, 45.1291



21.2227, 21.2937, 18.0308



9.5210, 10.3770, 9.9826



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.



21.5962, 25.1619, 18.7577



36.7149, 43.7365, 29.7488



19.4283, 24.0443, 18.6563



5.6239, 6.1742, 5.7847



11.8652, 19.0093, 3.0438



0.1386, 0.1947, 0.0303

Inverse Universe

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



18.8800, 17.6076, 27.9960



31.0829, 28.0704, 48.9078



21.2850, 18.8474, 28.1086



5.3305, 5.3586, 6.7821



6.0531, 2.6141, 23.1626



0.0821, 0.0375, 0.2226

Previews

White Background



This preview shows how the XYZ color 21.5955, 25.1608, 18.7572 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 21.5955, 25.1608, 18.7572 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

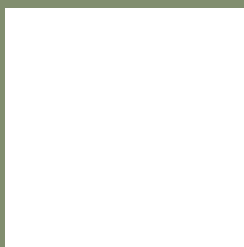
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5955, 25.1608, 18.7572

Background



This preview shows how black text looks on a background with the XYZ color 21.5955, 25.1608, 18.7572.



This preview shows how white text looks on a background with the XYZ color 21.5955, 25.1608,

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

21.5955, 25.1608, 18.7572

Protanopia

23.5600, 25.1064, 18.0723

Deuteranopia

25.5300, 25.0657, 19.1154



Tritanopia

24.1225, 25.0978, 31.5899

Trichromacy



Original Color

21.5955, 25.1608, 18.7572

Protanomaly

22.8623, 25.1665, 18.4045

Deuteranomaly

23.9415, 25.0741, 18.9072

Tritanomaly

23.1215, 25.1200, 26.5517

Monochromacy



Original Color

21.5955, 25.1608, 18.7572

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5272, 24.6699, 23.3131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5955, 25.1608, 18.7572 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(129, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 111)  
}
```

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(129, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.5955, 25.1608, 18.7572 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(129, 142, 111) }
```


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

```
.border{ border-color:rgb(129, 142, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 111);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5955, 25.1608, 18.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 111) }
```

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

```
.background{ background-color: rgb(129,  
142, 111) }
```

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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