

Converting Colors

XYZ(21.3608, 25.4158, 19.3283)

Have a look what the booklet for
XYZ(21.3608, 25.4158, 19.3283)
contains.

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Color

**XYZ(21.4113, 25.4987,
19.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9071
RGB	125, 144, 113
RGB Percent	49%, 56%, 44%
CMY	0.5098, 0.4353, 0.5569
CMYK	0.13, 0.00, 0.22, 0.44
HSL	97°, 12%, 50%
HSV	97°, 22%, 56%
XYZ	21.4113, 25.4987, 19.4160
YIQ	134.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

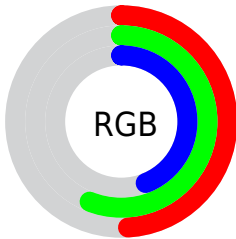
Format	Color
R_{YB}	113, 144, 132
Decimal	8228977
CIE _{Lab}	57.56, -12.83, 14.25
CIE _{LCh}	58, 19.176, 131.991
Yxy	25.4987, 0.3228, 0.3844
Android (android.graphics.Color)	4286419057 (0xFF7D9071)
YUV	134.7850, -10.7400, -8.5814
Hunter-Lab	50.4962, -12.6813, 12.5501

Details

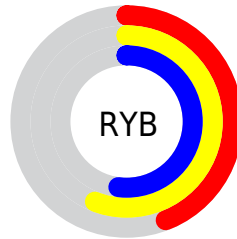
The XYZ color **21.4113, 25.4987, 19.4160** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.4559, 18.7301, 28.9240**, and the grayscale version is **22.9889, 24.1861, 26.3386**.

A 20% lighter version of the original color is **45.3457, 52.5698, 43.3543**, and **7.9373, 9.9236, 6.4981** is the 20% darker color. If you saturate the color by 10%, you get **19.4324, 24.5657, 15.4220**, and if you desaturate by 10%, it is **23.6347, 26.5445, 24.0941**.

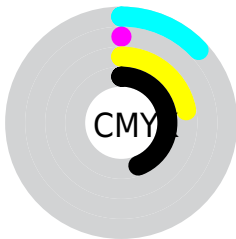
Distribution



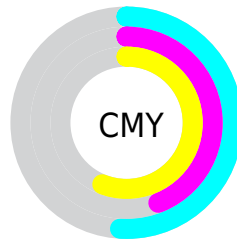
- Red (49%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (52%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4113, 25.4987, 19.4160 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 21.4113, 25.4987, 19.4160 by changing the saturation by 10% instead.

■ 21.4113, 25.4987,
19.4160

■ 21.4113, 25.4987,
19.4160

252.1469,
280.3125, 261.2346

■ 13.5392, 16.4490,
11.7914

■ 45.2572, 52.4651,
43.2819

■ 7.8804, 9.8424,
6.4810

■ 61.9616, 71.1506,
60.3603

■ 4.0697, 5.2946,
3.0662

■ 82.3409, 93.8168,
81.4270

■ 1.7416, 2.4211,
1.1285

■ 106.7603,
120.8481, 106.9006

■ 0.4821, 0.8367,
0.0000

135.5853,
152.6290, 137.1996

■ 0.0000, 0.0000,
0.0000

169.1811,

189.5437, 172.7426

207.9132,
231.9768, 213.9481

■ 21.4113, 25.4987,
19.4160

■ 21.4113, 25.4987,
19.4160

■ 19.4324, 24.5657,
15.4220

■ 23.6347, 26.5445,
24.0941

■ 17.6871, 23.7381,
12.0784

■ 26.1092, 27.7034,
29.4844

■ 16.1663, 23.0129,
9.3512

■ 28.8435, 28.9801,
35.6158

■ 14.8597, 22.3855,
7.2025

■ 31.8453, 30.3779,
42.5148

■ 13.7559, 21.8511,
5.5904

■ 35.1220, 31.9003,
50.2067

■ 12.8425, 21.4041,
4.4673

■ 38.6805, 33.5501,
58.7157

■ 12.1049, 21.0384,
3.7771

■ 42.5278, 35.3305,
68.0648

■ 11.5899, 20.7807,
3.4002

■ 46.6704, 37.2444,
78.2763

■ 51.1146, 39.2944,
89.3715

Harmonies

Analogous

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



23.3336, 25.4987, 17.1770



21.4113, 25.4987, 19.4160



20.2898, 25.4987, 24.0494

Triad

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



21.4113, 25.4987, 19.4160



22.9015, 25.4987, 41.5451



28.7966, 25.4987, 25.2287

Complementary

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



21.4113, 25.4987, 19.4160



20.4559, 18.7301, 28.9240

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.



28.6628, 25.4987, 31.8421



21.4113, 25.4987, 19.4160



25.1609, 25.4987, 41.9944

Square

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



21.4113, 25.4987, 19.4160



21.1121, 25.4987, 37.0701



27.2983, 25.4987, 38.2153



27.6532, 25.4987, 20.1620

Rectangle

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



21.4113, 25.4987, 19.4160



20.1013, 25.4987, 28.2036



27.2983, 25.4987, 38.2153



28.9014, 25.4987, 27.3285

Sweetspot

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



21.4120, 25.4998, 19.4166



43.9873, 47.8954, 47.4740



22.6803, 23.5168, 18.9669



10.0307, 10.9570, 10.7636



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.



21.4120, 25.4998, 19.4166



35.9641, 44.1251, 30.5718



19.9422, 24.7216, 20.2746



5.5279, 6.1248, 5.7802



10.1171, 18.1081, 2.9620



0.1201, 0.1852, 0.0294

Inverse Universe

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



20.4559, 18.7301, 28.9240



33.9563, 29.9182, 50.5231



22.2079, 19.6603, 27.7858



5.4268, 5.4082, 6.7866



7.9370, 3.5853, 23.2508



0.1006, 0.0470, 0.2235

Previews

White Background



This preview shows how the XYZ color 21.4113, 25.4987, 19.4160 looks on a white background.

Color Contrast Check

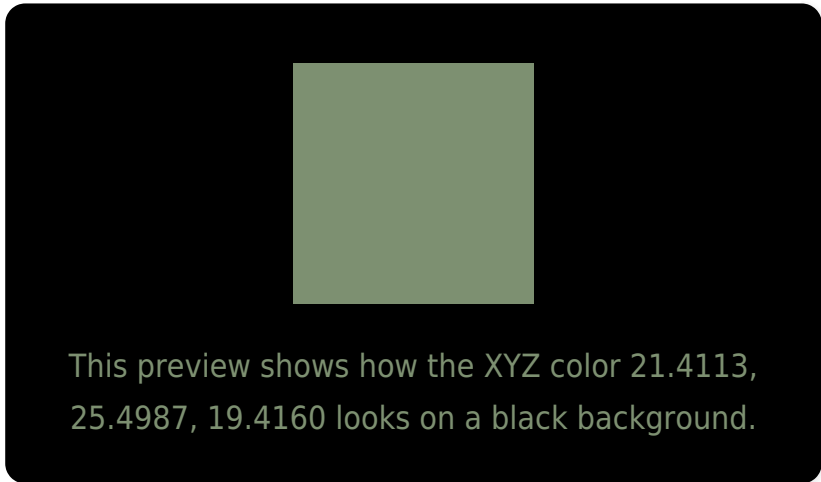
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 21.4113, 25.4987, 19.4160

Background



This preview shows how black text looks on a background with the XYZ color 21.4113, 25.4987, 19.4160.



This preview shows how white text looks on a background with the XYZ color 21.4113, 25.4987,

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

21.4113, 25.4987, 19.4160

Protanopia

23.9356, 25.5058, 18.4134

Deuteranopia

25.7801, 25.3838, 19.7605



Tritanopia

24.0977, 25.4925, 32.5046

Trichromacy



Original Color

21.4113, 25.4987, 19.4160

Protanomaly

22.8948, 25.3928, 18.7335

Deuteranomaly

24.0155, 25.3093, 19.5390

Tritanomaly

23.0935, 25.5230, 27.3762

Monochromacy



Original Color

21.4113, 25.4987, 19.4160

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2793, 24.5346, 23.6401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4113, 25.4987, 19.4160 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, 144, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 144, 113)  
}
```

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, 144, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 144, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.4113, 25.4987, 19.4160 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, 144, 113) }
```


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

```
.border{ border-color:rgb(125, 144, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 144, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 144, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 144, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 144,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4113, 25.4987, 19.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 144, 113) }
```

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

```
.background{ background-color: rgb(125,  
144, 113) }
```

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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