

Converting Colors

XYZ(21.6169, 25.6535, 22.2192)

Have a look what the booklet for
XYZ(21.6169, 25.6535, 22.2192)
contains.

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Color

**XYZ(21.5122, 25.4892,
22.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	7A907A
RGB	122, 144, 122
RGB Percent	48%, 56%, 48%
CMY	0.5216, 0.4353, 0.5216
CMYK	0.15, 0.00, 0.15, 0.44
HSL	120°, 9%, 52%
HSV	120°, 15%, 56%
XYZ	21.5122, 25.4892, 22.1985
YIQ	134.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

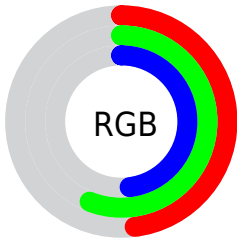
Format	Color
R_{YB}	122, 144, 144
Decimal	8032378
CIE _{Lab}	57.55, -12.31, 9.10
CIE _{LCh}	58, 15.309, 143.540
Yxy	25.4892, 0.3109, 0.3683
Android (android.graphics.Color)	4286222458 (0xFF7A907A)
YUV	134.9140, -6.3666, -11.3256
Hunter-Lab	50.4868, -12.2939, 9.2716

Details

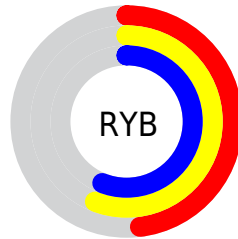
The XYZ color **21.5122, 25.4892, 22.1985** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4961, 21.8627, 29.3683**, and the grayscale version is **23.0223, 24.2212, 26.3769**.

A 20% lighter version of the original color is **45.5133, 52.5581, 47.7903**, and **7.9530, 9.9029, 7.7956** is the 20% darker color. If you saturate the color by 10%, you get **18.7952, 24.1849, 17.7538**, and if you desaturate by 10%, it is **24.6650, 27.0044, 27.3549**.

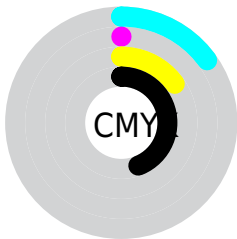
Distribution



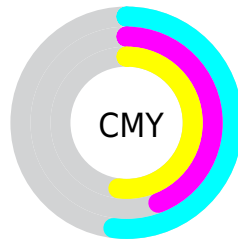
- Red (48%)
- Green (56%)
- Blue (48%)



- Red (48%)
- Yellow (56%)
- Blue (56%)



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



- Cyan (52%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5122, 25.4892, 22.1985 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 21.5122, 25.4892, 22.1985 by changing the saturation by 10% instead.

■ 21.5122, 25.4892,
22.1985

■ 21.5122, 25.4892,
22.1985

252.6687,
280.2655, 276.5684

■ 13.6135, 16.4419,
13.8031

■ 45.4233, 52.4497,
47.9802

■ 7.9322, 9.8374,
7.8467

■ 62.1665, 71.1318,
66.2037

■ 4.1031, 5.2913,
3.9106

■ 82.5884, 93.7942,
88.5402

■ 1.7606, 2.4192,
1.5764

107.0546,
120.8213, 115.4084

■ 0.4938, 0.8357,
0.2739

135.9304,
152.5977, 147.2268

■ 0.0000, 0.0000,
0.0000

169.5811,

189.5075, 184.4139

208.3721,
231.9353, 227.3882

■ 21.5122, 25.4892,
22.1985

■ 21.5122, 25.4892,
22.1985

■ 18.7952, 24.1849,
17.7538

■ 24.6650, 27.0044,
27.3549

■ 16.4930, 23.0790,
13.9880

■ 28.2693, 28.7357,
33.2505

■ 14.5856, 22.1628,
10.8682

■ 32.3428, 30.6925,
39.9135

■ 13.0510, 21.4256,
8.3581

■ 36.9015, 32.8822,
47.3700

■ 11.8648, 20.8558,
6.4178

■ 41.9605, 35.3123,
55.6450

■ 10.9997, 20.4403,
5.0028

■ 47.5345, 37.9898,
64.7623

■ 10.4244, 20.1639,
4.0618

■ 53.6374, 40.9213,
74.7448

■ 10.0961, 20.0062,
3.5247

■ 60.2826, 44.1134,
85.6144

■ 9.9737, 19.9474,
3.3246

■ 67.4833, 47.5722,
97.3924

Harmonies

Analogous

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



22.8519, 25.4892, 19.5207



21.5122, 25.4892, 22.1985



20.9040, 25.4892, 26.6378

Triad

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



21.5122, 25.4892, 22.1985



23.8340, 25.4892, 38.9870



27.5889, 25.4892, 23.9294

Complementary

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



21.5122, 25.4892, 22.1985



23.4961, 21.8627, 29.3683

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.



27.8841, 25.4892, 28.8997



21.5122, 25.4892, 22.1985



25.6557, 25.4892, 38.0259

Square

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



21.5122, 25.4892, 22.1985



22.2003, 25.4892, 36.6478



27.1605, 25.4892, 34.1654



26.3728, 25.4892, 20.4288

Rectangle

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



21.5122, 25.4892, 22.1985



20.9723, 25.4892, 30.1738



27.1605, 25.4892, 34.1654



27.8015, 25.4892, 25.4660

Sweetspot

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



21.5129, 25.4903, 22.1991



43.6063, 47.6777, 48.4171



24.9333, 27.1713, 22.3432



9.9141, 10.8923, 10.9628



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.



21.5129, 25.4903, 22.1991



36.3804, 44.2068, 36.5979



22.2084, 25.7685, 25.8618



5.3429, 6.0294, 5.7716



8.6849, 17.3698, 2.8950



0.0830, 0.1661, 0.0277

Inverse Universe

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



23.4961, 21.8627, 29.3683



40.4979, 36.6752, 51.4826



22.7210, 21.5526, 25.2867



5.6263, 5.5110, 6.7960



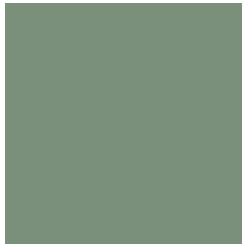
14.3995, 6.9168, 23.5532



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 21.5122, 25.4892, 22.1985 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 21.5122, 25.4892, 22.1985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

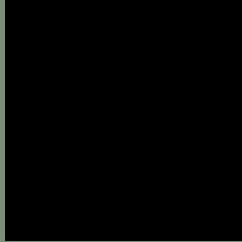
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5122, 25.4892, 22.1985

Background



This preview shows how black text looks on a background with the XYZ color 21.5122, 25.4892, 22.1985.



This preview shows how white text looks on a background with the XYZ color 21.5122, 25.4892,

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

21.5122, 25.4892, 22.1985

Protanopia

24.0953, 25.5286, 21.1103

Deuteranopia

25.7359, 25.2982, 22.5954



Tritanopia

23.7164, 25.5026, 32.9507

Trichromacy



Original Color

21.5122, 25.4892, 22.1985

Protanomaly

23.0848, 25.4306, 21.4612

Deuteranomaly

24.0224, 25.2507, 22.3466

Tritanomaly

22.7159, 25.3032, 28.4977

Monochromacy



Original Color

21.5122, 25.4892, 22.1985

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3237, 24.5345, 24.6781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5122, 25.4892, 22.1985 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(122, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 144, 122)  
}
```

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(122, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 144, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.5122, 25.4892, 22.1985 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(122, 144, 122) }
```


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

```
.border{ border-color:rgb(122, 144, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 144, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 144,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5122, 25.4892, 22.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 144, 122) }
```

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

```
.background{ background-color: rgb(122,  
144, 122) }
```

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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