

Converting Colors

XYZ(21.9564, 25.9610, 9.9988)

Have a look what the booklet for
XYZ(21.9564, 25.9610, 9.9988)
contains.

XYZ(21.9582, 25.9898, 9.9901)	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(21.9582, 25.9898,
9.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9048
RGB	140, 144, 72
RGB Percent	55%, 56%, 28%
CMY	0.4510, 0.4353, 0.7176
CMYK	0.03, 0.00, 0.50, 0.44
HSL	63°, 33%, 42%
HSV	63°, 50%, 56%
XYZ	21.9582, 25.9898, 9.9901
YIQ	134.5960, 20.7280, -23.2400

Conversions

Conversions Part 2

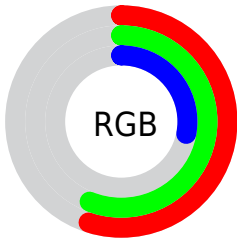
Format	Color
R_{YB}	72, 144, 76
Decimal	9211976
CIE _{Lab}	58.03, -12.28, 37.43
CIE _{LCh}	58, 39.392, 108.169
Yxy	25.9898, 0.3790, 0.4486
Android (android.graphics.Color)	4287402056 (0xFF8C9048)
YUV	134.5960, -30.8598, 4.7393
Hunter-Lab	50.9802, -12.3318, 24.0676

Details

The XYZ color **21.9582, 25.9898, 9.9901** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.3327, 8.1854, 27.4224**, and the grayscale version is **22.9852, 24.1823, 26.3345**.

A 20% lighter version of the original color is **46.2126, 53.3954, 26.2830**, and **8.1819, 10.1420, 2.3370** is the 20% darker color. If you saturate the color by 10%, you get **21.4082, 25.7552, 7.7930**, and if you desaturate by 10%, it is **22.6205, 26.2713, 12.7680**.

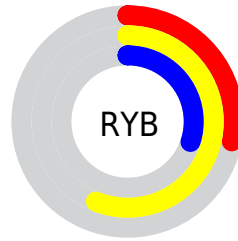
Distribution



Red (55%)

Green (56%)

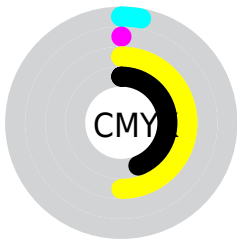
Blue (28%)



Red (28%)

Yellow (56%)

Blue (30%)

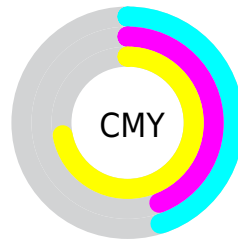


Cyan (3%)

Magenta (0%)

Yellow (50%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9582, 25.9898, 9.9901 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 21.9582, 25.9898, 9.9901 by changing the saturation by 10% instead.


 21.9582, 25.9898,
9.9901


 21.9582, 25.9898,
9.9901


254.9644,
282.7320, 201.0836


 13.9426, 16.8160,
5.2869


 46.1563, 53.2585,
26.3844


 8.1622, 10.1034,
2.3549


 63.0695, 72.1222,
38.9126


 4.2516, 5.4676,
0.7617

 83.6793, 94.9846,
54.8861

 1.8454, 2.5241,
0.0000

 108.3510,
122.2302, 74.7236

 0.5448, 0.8887,
0.0000

 137.4500,
154.2434, 98.8435

 0.0000, 0.0000,
0.0000

171.3417,

191.4084, 127.6645

210.3913,
234.1099, 161.6050

■ 21.9582, 25.9898,
9.9901

■ 21.9582, 25.9898,
9.9901

■ 21.4082, 25.7552,
7.7930

■ 22.6205, 26.2713,
12.7680

■ 20.9609, 25.5609,
6.1339

■ 23.4002, 26.5989,
16.1621

■ 20.6080, 25.4044,
4.9669


■ 24.3045, 26.9765,
20.2070


■ 20.3392, 25.2817,
4.2377

■ 25.3394, 27.4065,
24.9343


■ 20.1266, 25.1816,
3.7998


■ 26.5104, 27.8910,
30.3733

 20.1266, 25.1816,
3.7997

 27.8228, 28.4322,
36.5520

 29.2817, 29.0320,
43.4965

 30.8917, 29.6925,
51.2318

 32.6574, 30.4153,
59.7819

Harmonies

Analogous

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



26.6262, 25.9898, 9.6203



21.9582, 25.9898, 9.9901



18.4935, 25.9898, 14.1739

Triad

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



21.9582, 25.9898, 9.9901



19.0894, 25.9898, 52.6553



34.7825, 25.9898, 34.0177

Complementary

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



21.9582, 25.9898, 9.9901



10.3327, 8.1854, 27.4224

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.



32.1657, 25.9898, 49.6171



21.9582, 25.9898, 9.9901



22.8738, 25.9898, 62.4700

Square

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



21.9582, 25.9898, 9.9901



16.9896, 25.9898, 37.2800



27.6665, 25.9898, 61.2076



34.4547, 25.9898, 20.8895

Rectangle

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



21.9582, 25.9898, 9.9901



17.1459, 25.9898, 19.6303



27.6665, 25.9898, 61.2076



34.2056, 25.9898, 39.2033

Sweetspot

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



21.9588, 25.9910, 9.9906



43.6923, 47.9218, 39.3975



15.2291, 11.5117, 7.5506



9.9418, 10.9572, 8.6803



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.



21.9588, 25.9910, 9.9906



37.6505, 45.3778, 13.3345



16.8994, 23.3827, 9.7539



5.8103, 6.2704, 5.7934



17.5323, 21.9308, 3.3090



0.1735, 0.2127, 0.0319

Inverse Universe

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



10.3327, 8.1854, 27.4224



14.7236, 10.2456, 47.7396



13.9835, 10.0675, 27.5932



5.1556, 5.2684, 6.7739



4.4778, 1.8020, 23.0889



0.0472, 0.0195, 0.2210

Previews

White Background



This preview shows how the XYZ color 21.9582, 25.9898, 9.9901 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 21.9582, 25.9898, 9.9901 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

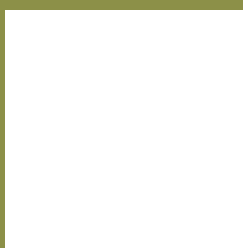
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9582, 25.9898, 9.9901

Background



This preview shows how black text looks on a background with the XYZ color 21.9582, 25.9898, 9.9901.



This preview shows how white text looks on a background with the XYZ color 21.9582, 25.9898,

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

21.9582, 25.9898, 9.9901

Protanopia

23.6964, 25.7902, 9.6903

Deuteranopia

26.4521, 25.9410, 10.2695



Tritanopia

26.2052, 25.9795, 30.8275

Trichromacy



Original Color

21.9582, 25.9898, 9.9901

Protanomaly

23.0566, 25.8942, 9.7441

Deuteranomaly

24.6789, 25.8593, 10.1692

Tritanomaly

24.2394, 25.8169, 21.1584

Monochromacy



Original Color

21.9582, 25.9898, 9.9901

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3296, 24.6652, 18.9132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9582, 25.9898, 9.9901 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(140, 144, 72)` looks like.

```
.text, #text, p{  
    color:rgb(140, 144, 72)  
}
```

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(140, 144, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 144, 72) }
```

Border

The CSS property to change the border of an element to XYZ 21.9582, 25.9898, 9.9901 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(140, 144, 72) }
```


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

```
.border{ border-color:rgb(140, 144, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 144, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 144, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 144, 72);  
box-shadow:4px 4px 4px 4px rgb(140, 144,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9582, 25.9898, 9.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 144, 72) }
```

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

```
.background{ background-color: rgb(140,  
144, 72) }
```

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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