

Converting Colors

XYZ(21.3565, 24.9227, 2.7903)

Have a look what the booklet for
XYZ(21.3565, 24.9227, 2.7903)
contains.

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Color

**XYZ(21.5908, 25.0521,
3.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	948C00
RGB	148, 140, 0
RGB Percent	58%, 55%, 0%
CMY	0.4196, 0.4510, 1.0000
CMYK	0.00, 0.05, 1.00, 0.42
HSL	57°, 100%, 29%
HSV	57°, 100%, 58%
XYZ	21.5908, 25.0521, 3.6976
YIQ	126.4320, 49.7080, -41.8440

Conversions

Conversions Part 2

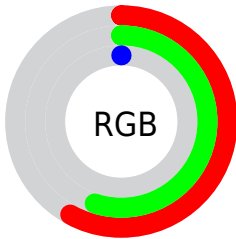
Format	Color
R_{YB}	8, 148, 0
Decimal	9735168
CIE _{Lab}	57.13, -10.12, 61.31
CIE _{LCh}	57, 62.143, 99.372
Yxy	25.0521, 0.4289, 0.4977
Android (android.graphics.Color)	4287925248 (0xFF948C00)
YUV	126.4320, -62.3310, 18.9151
Hunter-Lab	50.0521, -10.5922, 30.6564

Details

The XYZ color **21.5908, 25.0521, 3.6976** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.4323, 2.3120, 28.1765**, and the grayscale version is **20.1738, 21.2244, 23.1133**.

A 20% lighter version of the original color is **45.6291, 51.7039, 13.3693**, and **8.1704, 9.6395, 1.4300** is the 20% darker color. If you saturate the color by 10%, you get **21.5912, 25.0531, 3.6978**, and if you desaturate by 10%, it is **21.7935, 25.3217, 4.1839**.

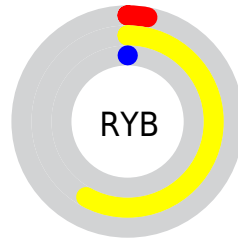
Distribution



Red (58%)

Green (55%)

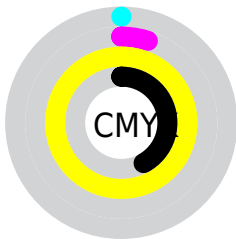
Blue (0%)



Red (3%)

Yellow (58%)

Blue (0%)

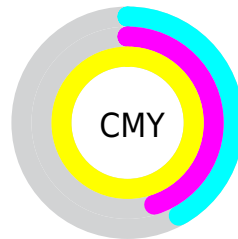


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5908, 25.0521, 3.6976 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 21.5908, 25.0521, 3.6976 by changing the saturation by 10% instead.

■ 21.5908, 25.0521,
3.6976

■ 21.5908, 25.0521,
3.6976

253.0745,
278.0973, 144.8024

■ 13.6715, 16.1159,
1.4610

■ 45.5526, 51.7417,
13.3061

■ 7.9727, 9.6062,
0.1886

■ 62.3259, 70.2639,
21.5150

■ 4.1291, 5.1386,
0.0000

■ 82.7811, 92.7502,
32.5518

■ 1.7754, 2.3288,
0.0000

■ 107.2836,
119.5851, 46.8350

■ 0.5028, 0.7889,
0.0000

■ 136.1989,
151.1528, 64.7831

■ 0.0000, 0.0000,
0.0000

■ 169.8922,

187.8378, 86.8147

208.7290,
230.0245, 113.3483

21.5908, 25.0521,
3.6976

21.5908, 25.0521,
3.6976

21.5912, 25.0531,
3.6978

21.7935, 25.3217,
4.1839

22.0561, 25.6158,
4.9843

22.4080, 25.9469,
6.2508

22.8604, 26.3196,
8.0417

23.4225, 26.7375,
10.4068

■ 24.1029, 27.2041,
13.3901

■ 24.9090, 27.7224,
17.0314

■ 25.8478, 28.2951,
21.3669

■ 26.9257, 28.9248,
26.4305

Harmonies

Analogous

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



29.1255, 25.0521, 4.2647



21.5908, 25.0521, 3.6976



15.9482, 25.0521, 6.4689

Triad

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



21.5908, 25.0521, 3.6976



14.4991, 25.0521, 61.6965



39.5733, 25.0521, 44.0976

Complementary

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



21.5908, 25.0521, 3.6976



5.4323, 2.3120, 28.1765

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.



33.9089, 25.0521, 71.8467



21.5908, 25.0521, 3.6976



19.1863, 25.0521, 85.1151

Square

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



21.5908, 25.0521, 3.6976



12.4435, 25.0521, 34.3866



26.1790, 25.0521, 89.5629



40.5850, 25.0521, 21.2227

Rectangle

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



21.5908, 25.0521, 3.6976



13.6323, 25.0521, 11.4567



26.1790, 25.0521, 89.5629



38.1021, 25.0521, 53.4182

Sweetspot

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



21.5914, 25.0533, 3.6981



43.8585, 48.8573, 29.6274



12.2668, 6.3177, 0.8565



9.8827, 11.0711, 6.1758



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5914, 25.0533, 3.6981



38.0560, 44.1233, 6.5109



14.2344, 23.0584, 3.7008



6.2389, 6.6915, 6.2032



18.4491, 21.4125, 3.1607



0.2324, 0.2753, 0.0409

Inverse Universe

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



5.4323, 2.3120, 28.1765



9.5437, 3.9969, 49.7031



7.4688, 3.2330, 28.2470



5.5231, 5.6803, 7.2750



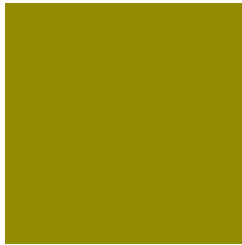
4.6465, 1.9878, 24.0698



0.0619, 0.0343, 0.2963

Previews

White Background



This preview shows how the XYZ color 21.5908, 25.0521, 3.6976 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 21.5908, 25.0521, 3.6976 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 21.5908, 25.0521, 3.6976

Background



This preview shows how black text looks on a background with the XYZ color 21.5908, 25.0521, 3.6976.



This preview shows how white text looks on a background with the XYZ color 21.5908, 25.0521,

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

21.5908, 25.0521, 3.6976

Protanopia

22.6060, 25.1455, 3.6621

Deuteranopia

25.3425, 24.9000, 4.1323



Tritanopia

26.6209, 25.0268, 28.2385

Trichromacy



Original Color

21.5908, 25.0521, 3.6976

Protanomaly

22.1815, 25.1406, 3.6835

Deuteranomaly

23.9076, 24.9718, 3.9407

Tritanomaly

23.6547, 24.6415, 12.9607

Monochromacy



Original Color

21.5908, 25.0521, 3.6976

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.3958, 21.8801, 10.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5908, 25.0521, 3.6976 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(148, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 0)  
}
```

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(148, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.5908, 25.0521, 3.6976 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(148, 140, 0) }
```


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

```
.border{ border-color:rgb(148, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5908, 25.0521, 3.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 0) }
```

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

```
.background{ background-color: rgb(148,  
140, 0) }
```

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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