

Converting Colors

XYZ(21.7293, 24.1548, 6.9595)

Have a look what the booklet for
XYZ(21.7293, 24.1548, 6.9595)
contains.

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Color

**XYZ(21.6828, 24.1706,
7.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	948836
RGB	148, 136, 54
RGB Percent	58%, 53%, 21%
CMY	0.4196, 0.4667, 0.7882
CMYK	0.00, 0.08, 0.64, 0.42
HSL	52°, 47%, 40%
HSV	52°, 64%, 58%
XYZ	21.6828, 24.1706, 7.0126
YIQ	130.2400, 33.4740, -22.9580

Conversions

Conversions Part 2

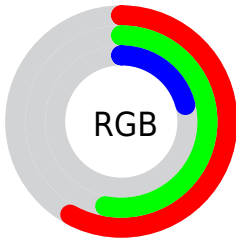
Format	Color
RYB	68, 148, 54
Decimal	9734198
CIELab	56.26, -5.95, 44.41
CIElCh	56, 44.811, 97.624
Yxy	24.1706, 0.4101, 0.4572
Android (android.graphics.Color)	4287924278 (0xFF948836)
YUV	130.2400, -37.5863, 15.5755
Hunter-Lab	49.1636, -7.3118, 25.9575

Details

The XYZ color **21.6828, 24.1706, 7.0126** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.8148, 6.8186, 28.8684**, and the grayscale version is **21.4244, 22.5401, 24.5462**.

A 20% lighter version of the original color is **45.5981, 50.2320, 20.3892**, and **8.0243, 9.1961, 1.3521** is the 20% darker color. If you saturate the color by 10%, you get **21.1233, 23.5258, 5.3647**, and if you desaturate by 10%, it is **22.3539, 24.8693, 9.2202**.

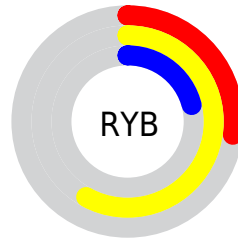
Distribution



Red (58%)

Green (53%)

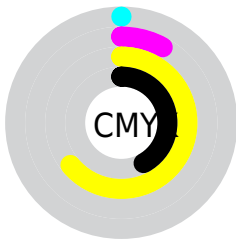
Blue (21%)



Red (27%)

Yellow (58%)

Blue (21%)

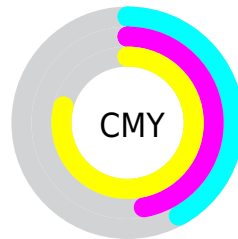


Cyan (0%)

Magenta (8%)

Yellow (64%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6828, 24.1706, 7.0126 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 21.6828, 24.1706, 7.0126 by changing the saturation by 10% instead.

■ 21.6828, 24.1706,
7.0126

■ 21.6828, 24.1706,
7.0126

253.5489,
273.6818, 177.4033

■ 13.7393, 15.4602,
3.3914

■ 45.7039, 50.3085,
20.5119

■ 8.0201, 9.1430,
1.2978

■ 62.5123, 68.5047,
31.2270

■ 4.1597, 4.8346,
0.0600

■ 83.0063, 90.6317,
45.1439

■ 1.7929, 2.1505,
0.0000

■ 107.5514,
117.0739, 62.6811

■ 0.5134, 0.6928,
0.0000

■ 136.5128,
148.2156, 84.2570

■ 0.0000, 0.0000,
0.0000

■ 170.2560,

184.4412, 110.2904

209.1462,
226.1352, 141.1996

■ 21.6828, 24.1706,
7.0126

■ 21.6828, 24.1706,
7.0126

■ 21.1233, 23.5258,
5.3647

■ 22.3539, 24.8693,
9.2202

■ 20.6638, 22.9276,
4.2226

■ 23.1436, 25.6222,
12.0318

■ 20.2930, 22.3723,
3.5245

■ 24.0604, 26.4334,
15.4891

■ 20.0778, 22.0261,
3.1932

■ 25.1114, 27.3059,
19.6296

■ 26.3031, 28.2424,
24.4879

■ 27.6418, 29.2453,
30.0961

■ 29.1332, 30.3171,
36.4848

■ 30.7828, 31.4598,
43.6825

■ 32.5957, 32.6758,
51.7163

Harmonies

Analogous

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



26.9587, 24.1706, 7.8234



21.6828, 24.1706, 7.0126



17.4361, 24.1706, 9.6245

Triad

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



21.6828, 24.1706, 7.0126



15.9807, 24.1706, 47.7397



33.4167, 24.1706, 38.6762

Complementary

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



21.6828, 24.1706, 7.0126



8.8148, 6.8186, 28.8684

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.



29.5741, 24.1706, 55.8263



21.6828, 24.1706, 7.0126



19.4016, 24.1706, 62.2804

Square

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



21.6828, 24.1706, 7.0126



14.4801, 24.1706, 30.2681



24.3143, 24.1706, 65.6922



34.2698, 24.1706, 22.7269

Rectangle

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



21.6828, 24.1706, 7.0126



15.5753, 24.1706, 13.8520



24.3143, 24.1706, 65.6922



32.4067, 24.1706, 44.6410

Sweetspot

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



21.6834, 24.1717, 7.0131



45.1461, 48.8490, 38.0212



14.5312, 9.3341, 6.2732



10.1836, 11.0539, 8.1843



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.



21.6834, 24.1717, 7.0131



36.9262, 41.0778, 8.5570



18.1348, 24.9924, 7.3585



6.2030, 6.6197, 6.1913



17.1634, 18.8413, 2.7321



0.2243, 0.2590, 0.0382

Inverse Universe

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



8.8148, 6.8186, 28.8684



12.4126, 8.0688, 50.3378



10.7335, 6.8743, 28.7781



5.5556, 5.7452, 7.2859



4.7752, 2.2452, 24.1127



0.0700, 0.0506, 0.2990

Previews

White Background



This preview shows how the XYZ color 21.6828, 24.1706, 7.0126 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 21.6828, 24.1706, 7.0126 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 21.6828, 24.1706, 7.0126

Background



This preview shows how black text looks on a background with the XYZ color 21.6828, 24.1706, 7.0126.



This preview shows how white text looks on a background with the XYZ color 21.6828, 24.1706,

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

21.6828, 24.1706, 7.0126

Protanopia

21.9075, 24.0783, 6.9830

Deuteranopia

24.5814, 24.0487, 7.0877



Tritanopia

25.7521, 24.2130, 26.9832

Trichromacy



Original Color

21.6828, 24.1706, 7.0126

Protanomaly

21.7243, 23.9838, 6.9744

Deuteranomaly

23.5038, 24.0855, 7.0246

Tritanomaly

23.7190, 23.9695, 17.2864

Monochromacy



Original Color

21.6828, 24.1706, 7.0126

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.9661, 22.7802, 15.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6828, 24.1706, 7.0126 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, 136, 54)` looks like.

```
.text, #text, p{  
    color:rgb(148, 136, 54)  
}
```

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, 136, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 136, 54) }
```

Border

The CSS property to change the border of an element to XYZ 21.6828, 24.1706, 7.0126 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, 136, 54) }
```


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

```
.border{ border-color:rgb(148, 136, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 136, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 136, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 136, 54);  
box-shadow:4px 4px 4px 4px rgb(148, 136,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6828, 24.1706, 7.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 136, 54) }
```

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

```
.background{ background-color: rgb(148,  
136, 54) }
```

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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