

Converting Colors

XYZ(21.9635, 27.1132, 7.0743)

Have a look what the booklet for
XYZ(21.9635, 27.1132, 7.0743)
contains.

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Color

**XYZ(21.9706, 27.2141,
7.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9532
RGB	139, 149, 50
RGB Percent	55%, 58%, 20%
CMY	0.4549, 0.4157, 0.8039
CMYK	0.07, 0.00, 0.66, 0.42
HSL	66°, 50%, 39%
HSV	66°, 66%, 58%
XYZ	21.9706, 27.2141, 7.1125
YIQ	134.7240, 25.8190, -32.9090

Conversions

Conversions Part 2

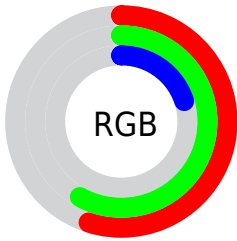
Format	Color
RYB	50, 149, 60
Decimal	9147698
CIELab	59.17, -17.16, 49.06
CIELCh	59, 51.974, 109.278
Yxy	27.2141, 0.3903, 0.4834
Android (android.graphics.Color)	4287337778 (0xFF8B9532)
YUV	134.7240, -41.7689, 3.7501
Hunter-Lab	52.1671, -16.1158, 28.4334

Details

The XYZ color **21.9706, 27.2141, 7.1125** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.4298, 5.4124, 29.0358**, and the grayscale version is **23.0706, 24.2720, 26.4322**.

A 20% lighter version of the original color is **46.2599, 55.2733, 20.8010**, and **8.2054, 10.7138, 1.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.4506, 26.9783, 5.6749**, and if you desaturate by 10%, it is **22.6000, 27.4961, 9.1025**.

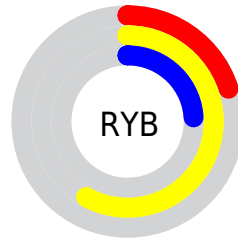
Distribution



Red (55%)

Green (58%)

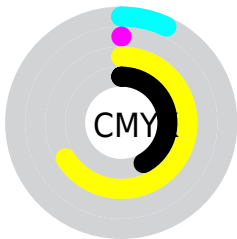
Blue (20%)



Red (20%)

Yellow (58%)

Blue (24%)

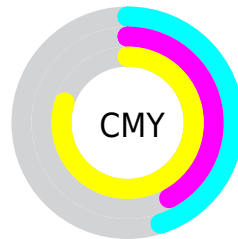


Cyan (7%)

Magenta (0%)

Yellow (66%)

Black (42%)



Cyan (45%)

Magenta (42%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9706, 27.2141, 7.1125 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 21.9706, 27.2141, 7.1125 by changing the saturation by 10% instead.

■ 21.9706, 27.2141,
7.1125

■ 21.9706, 27.2141,
7.1125

■ 255.0280,
288.6923, 178.2615

■ 13.9518, 17.7341,
3.4530

■ 46.1766, 55.2272,
20.7159

■ 8.1686, 10.7592,
1.3304

■ 63.0945, 74.5291,
31.4969

■ 4.2557, 5.9052,
0.0865

■ 83.7095, 97.8738,
45.4888

■ 1.8478, 2.7875,
0.0000

■ 108.3869,
125.6456, 63.1103

■ 0.5462, 1.0218,
0.0000

■ 137.4921,
158.2290, 84.7797

■ 0.0000, 0.0000,
0.0000

■ 171.3904,

196.0083, 110.9157

210.4473,
239.3679, 141.9368

■ 21.9706, 27.2141,
7.1125

■ 21.9706, 27.2141,
7.1125

■ 21.4506, 26.9783,
5.6749

■ 22.6000, 27.4961,
9.1025

■ 21.0275, 26.7806,
4.7322

■ 23.3460, 27.8241,
11.6916

■ 20.6857, 26.6158,
4.1994

■ 24.2176, 28.2028,
14.9235

■ 20.5711, 26.5600,
4.0424

■ 25.2221, 28.6351,
18.8371

■ 26.3664, 29.1237,
23.4685

■ 27.6568, 29.6711,
28.8512

■ 29.0994, 30.2798,
35.0165

■ 30.6998, 30.9521,
41.9941

■ 32.4633, 31.6900,
49.8119

Harmonies

Analogous

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



28.2518, 27.2141, 6.5940



21.9706, 27.2141, 7.1125



17.5331, 27.2141, 11.9288

Triad

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



21.9706, 27.2141, 7.1125



18.5659, 27.2141, 65.6908



40.1247, 27.2141, 36.7710

Complementary

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



21.9706, 27.2141, 7.1125



8.4298, 5.4124, 29.0358

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.



36.4929, 27.2141, 59.5028



21.9706, 27.2141, 7.1125



23.6188, 27.2141, 80.2696

Square

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



21.9706, 27.2141, 7.1125



15.8061, 27.2141, 43.0273



30.1970, 27.2141, 77.6246



39.4842, 27.2141, 19.3520

Rectangle

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



21.9706, 27.2141, 7.1125



15.8836, 27.2141, 18.7231



30.1970, 27.2141, 77.6246



39.3420, 27.2141, 44.1196

Sweetspot

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



21.9712, 27.2153, 7.1131



46.3731, 51.7946, 38.5812



14.5817, 9.8418, 4.1491



10.1622, 11.4294, 8.0863



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.



21.9712, 27.2153, 7.1131



38.0001, 48.1202, 9.1840



15.5018, 23.8802, 6.8103



6.2083, 6.7152, 6.2094



17.3267, 22.3601, 3.4027



0.2255, 0.2806, 0.0423

Inverse Universe

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



8.4298, 5.4124, 29.0358



11.9772, 6.1175, 51.4708



12.9223, 7.7284, 29.2460



5.5507, 5.6593, 7.2695



4.7455, 1.9190, 24.0513



0.0688, 0.0290, 0.2949

Previews

White Background



This preview shows how the XYZ color 21.9706, 27.2141, 7.1125 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 21.9706, 27.2141, 7.1125 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 21.9706, 27.2141, 7.1125

Background



This preview shows how black text looks on a background with the XYZ color 21.9706, 27.2141, 7.1125.



This preview shows how white text looks on a background with the XYZ color 21.9706, 27.2141,

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

21.9706, 27.2141, 7.1125

Protanopia

24.6540, 27.2292, 6.7527

Deuteranopia

27.4850, 26.9509, 7.3679



Tritanopia

27.1321, 27.0568, 32.6466

Trichromacy



Original Color

21.9706, 27.2141, 7.1125

Protanomaly

23.6287, 27.1479, 6.9004

Deuteranomaly

25.1249, 26.7997, 7.2168

Tritanomaly

24.5368, 26.8796, 19.8146

Monochromacy



Original Color

21.9706, 27.2141, 7.1125

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0301, 24.9899, 16.7591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9706, 27.2141, 7.1125 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(139, 149, 50)` looks like.

```
.text, #text, p{  
    color:rgb(139, 149, 50)  
}
```

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(139, 149, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 149, 50) }
```

Border

The CSS property to change the border of an element to XYZ 21.9706, 27.2141, 7.1125 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(139, 149, 50) }
```


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

```
.border{ border-color:rgb(139, 149, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 149, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 149, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 149, 50);  
box-shadow:4px 4px 4px 4px rgb(139, 149,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9706, 27.2141, 7.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 149, 50) }
```

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

```
.background{ background-color: rgb(139,  
149, 50) }
```

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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