

Converting Colors

XYZ(21.4573, 27.1711, 7.3880)

Have a look what the booklet for
XYZ(21.4573, 27.1711, 7.3880)
contains.

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Color

**XYZ(21.5179, 27.2115,
7.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	879634
RGB	135, 150, 52
RGB Percent	53%, 59%, 20%
CMY	0.4706, 0.4118, 0.7961
CMYK	0.10, 0.00, 0.65, 0.41
HSL	69°, 49%, 40%
HSV	69°, 65%, 59%
XYZ	21.5179, 27.2115, 7.3670
YIQ	134.3430, 22.5180, -33.6580

Conversions

Conversions Part 2

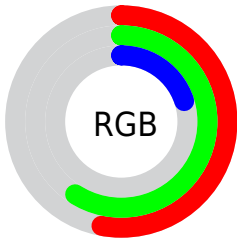
Format	Color
RYB	52, 150, 67
Decimal	8885812
CIELab	59.17, -19.27, 48.11
CIElCh	59, 51.822, 111.831
Yxy	27.2115, 0.3836, 0.4851
Android (android.graphics.Color)	4287075892 (0xFF879634)
YUV	134.3430, -40.5951, 0.5762
Hunter-Lab	52.1646, -17.6569, 28.1420

Details

The XYZ color **21.5179, 27.2115, 7.3670** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.0486, 5.8519, 29.5083**, and the grayscale version is **22.9261, 24.1200, 26.2667**.

A 20% lighter version of the original color is **45.3268, 55.1324, 21.3493**, and **7.9415, 10.7175, 1.6501** is the 20% darker color. If you saturate the color by 10%, you get **20.8671, 26.9099, 5.8448**, and if you desaturate by 10%, it is **22.2854, 27.5626, 9.4562**.

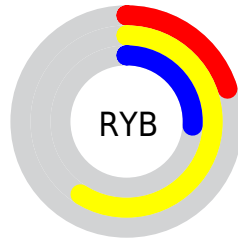
Distribution



Red (53%)

Green (59%)

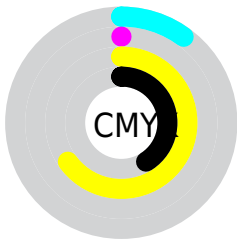
Blue (20%)



Red (20%)

Yellow (59%)

Blue (26%)

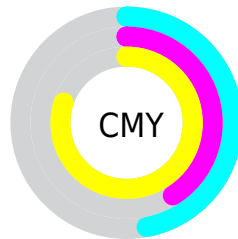


Cyan (10%)

Magenta (0%)

Yellow (65%)

Black (41%)



Cyan (47%)

Magenta (41%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5179, 27.2115, 7.3670 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 21.5179, 27.2115, 7.3670 by changing the saturation by 10% instead.

■ 21.5179, 27.2115,
7.3670

■ 21.5179, 27.2115,
7.3670

252.6981,
288.6797, 180.4243

■ 13.6177, 17.7321,
3.6108

■ 45.4327, 55.2231,
21.2331

■ 7.9352, 10.7578,
1.4143

■ 62.1780, 74.5241,
32.1801

■ 4.1050, 5.9042,
0.1529

■ 82.6024, 97.8677,
46.3610

■ 1.7617, 2.7869,
0.0000

■ 107.0713,
125.6384, 64.1944

■ 0.4944, 1.0215,
0.0000

■ 135.9499,
158.2206, 86.0990

■ 0.0000, 0.0000,
0.0000

■ 169.6037,

195.9986, 112.4931

208.3980,
239.3568, 143.7953

■ 21.5179, 27.2115,
7.3670

■ 21.5179, 27.2115,
7.3670

■ 20.8671, 26.9099,
5.8448

■ 22.2854, 27.5626,
9.4562

■ 20.3203, 26.6499,
4.8321

■ 23.1768, 27.9633,
12.1592

■ 19.8641, 26.4270,
4.2550

■ 24.2012, 28.4180,
15.5199

■ 19.6651, 26.3289,
4.0455

■ 25.3659, 28.9299,
19.5776

■ 26.6780, 29.5016,
24.3685

■ 28.1439, 30.1358,
29.9266

■ 29.7697, 30.8349,
36.2834

■ 31.5611, 31.6012,
43.4688

■ 33.5235, 32.4369,
51.5112

Harmonies

Analogous

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



27.6676, 27.2115, 6.5352



21.5179, 27.2115, 7.3670



17.2825, 27.2115, 12.6449

Triad

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



21.5179, 27.2115, 7.3670



18.9275, 27.2115, 67.2754



40.1953, 27.2115, 34.9716

Complementary

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



21.5179, 27.2115, 7.3670



9.0486, 5.8519, 29.5083

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.



36.8986, 27.2115, 57.4676



21.5179, 27.2115, 7.3670



24.1400, 27.2115, 80.5712

Square

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



21.5179, 27.2115, 7.3670



15.9694, 27.2115, 44.9079



30.7585, 27.2115, 76.3829



39.1789, 27.2115, 18.2799

Rectangle

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



21.5179, 27.2115, 7.3670



15.7735, 27.2115, 19.8703



30.7585, 27.2115, 76.3829



39.5377, 27.2115, 42.1509

Sweetspot

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



21.5185, 27.2127, 7.3676



45.8731, 51.5369, 38.5578



15.1878, 10.7114, 4.5162



10.0382, 11.3655, 8.0805



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.



21.5185, 27.2127, 7.3676



36.3968, 47.2859, 9.4594



15.3925, 24.0547, 7.0809



6.1791, 6.7002, 6.2081



16.3305, 21.8465, 3.3561



0.2188, 0.2772, 0.0420

Inverse Universe

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



9.0486, 5.8519, 29.5083



12.7977, 6.7380, 51.5473



13.8965, 8.3511, 29.7352



5.5773, 5.6731, 7.2708



4.8767, 1.9866, 24.0575



0.0754, 0.0324, 0.2952

Previews

White Background



This preview shows how the XYZ color 21.5179, 27.2115, 7.3670 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 21.5179, 27.2115, 7.3670 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 21.5179, 27.2115, 7.3670

Background



This preview shows how black text looks on a background with the XYZ color 21.5179, 27.2115, 7.3670.



This preview shows how white text looks on a background with the XYZ color 21.5179, 27.2115,

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

21.5179, 27.2115, 7.3670

Protanopia

24.5468, 26.9472, 6.9252

Deuteranopia

27.5340, 26.9705, 7.6255



Tritanopia

26.6411, 27.0103, 33.0875

Trichromacy



Original Color

21.5179, 27.2115, 7.3670

Protanomaly

23.3006, 26.9738, 7.1104

Deuteranomaly

24.9680, 26.7134, 7.4547

Tritanomaly

24.0523, 26.8470, 20.1340

Monochromacy



Original Color

21.5179, 27.2115, 7.3670

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7083, 24.8240, 16.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5179, 27.2115, 7.3670 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(135, 150, 52)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 52)  
}
```

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(135, 150, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 52) }
```

Border

The CSS property to change the border of an element to XYZ 21.5179, 27.2115, 7.3670 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(135, 150, 52) }
```


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

```
.border{ border-color:rgb(135, 150, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 150, 52); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 150, 52); box-shadow:4px 4px 4px 4px rgb(135, 150, 52) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5179, 27.2115, 7.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 52) }
```

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

```
.background{ background-color: rgb(135,  
150, 52) }
```

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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