

Converting Colors

XYZ(22.7812, 22.1899, 31.6854)

Have a look what the booklet for
XYZ(22.7812, 22.1899, 31.6854)
contains.

XYZ(22.7172, 22.1600, 31.5137)	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(22.7172, 22.1600,
31.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	867E95
RGB	134, 126, 149
RGB Percent	53%, 49%, 58%
CMY	0.4745, 0.5059, 0.4157
CMYK	0.10, 0.15, 0.00, 0.42
HSL	261°, 10%, 54%
HSV	261°, 15%, 58%
XYZ	22.7172, 22.1600, 31.5137
YIQ	131.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

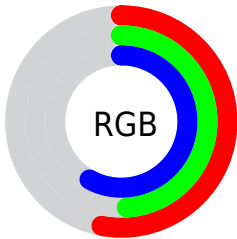
Format	Color
R_{YB}	134, 126, 149
Decimal	8814229
CIE _{Lab}	54.20, 7.72, -11.27
CIE _{LCh}	54, 13.661, 304.436
Yxy	22.1600, 0.2974, 0.2901
Android (android.graphics.Color)	4287004309 (0xFF867E95)
YUV	131.0140, 8.8671, 2.6187
Hunter-Lab	47.0744, 3.7604, -6.7393

Details

The XYZ color **22.7172, 22.1600, 31.5137** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4986, 28.6645, 23.9286**, and the grayscale version is **21.5490, 22.6712, 24.6889**.

A 20% lighter version of the original color is **47.3931, 47.1168, 63.0965**, and **8.5146, 8.0744, 12.6650** is the 20% darker color. If you saturate the color by 10%, you get **19.4738, 17.8676, 30.8565**, and if you desaturate by 10%, it is **26.3882, 27.0953, 32.2732**.

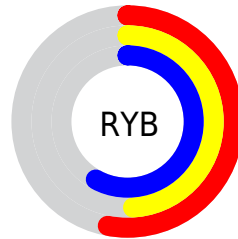
Distribution



Red (53%)

Green (49%)

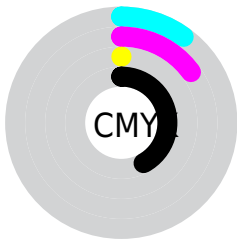
Blue (58%)



Red (53%)

Yellow (49%)

Blue (58%)

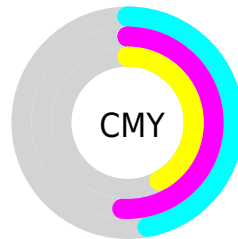


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7172, 22.1600, 31.5137 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 22.7172, 22.1600, 31.5137 by changing the saturation by 10% instead.

■ 22.7172, 22.1600,
31.5137

■ 22.7172, 22.1600,
31.5137

258.8317,
263.3807, 323.3222

■ 14.5044, 13.9745,
20.7286

■ 47.3986, 47.0103,
63.1370

■ 8.5563, 8.1029,
12.7364

■ 64.5980, 64.4439,
84.8122

■ 4.5077, 4.1609,
7.1187

■ 85.5235, 85.7290,
110.9546

■ 1.9932, 1.7640,
3.4569

110.5406,
111.2500, 141.9826

■ 0.6301, 0.4646,
1.3324

140.0146,
141.3912, 178.3148

■ 0.0000, 0.0000,
0.0881

174.3109,

■ 0.0000, 0.0000,

176.5372, 220.3698

0.0000

213.7948,
217.0722, 268.5661

■ 22.7172, 22.1600,
31.5137

■ 22.7172, 22.1600,
31.5137

■ 19.4738, 17.8676,
30.8565

■ 26.3882, 27.0953,
32.2732

■ 16.6395, 14.1882,
30.2957

■ 30.5000, 32.6959,
33.1375

■ 14.1976, 11.0940,
29.8271

■ 35.0680, 38.9868,
34.1110

■ 12.1294, 8.5534,
29.4458

■ 40.1060, 45.9908,
35.1974

■ 10.4145, 6.5324,
29.1460

■ 45.6275, 53.7295,
36.4001

9.0303, 4.9924,
28.9218

51.6450, 62.2236,
37.7224

7.9512, 3.8898,
28.7658

58.1710, 71.4933,
39.1677

7.1440, 3.1658,
28.6686

65.2172, 81.5575,
40.7389

6.8318, 2.8952,
28.6328

71.1452, 89.1351,
41.8891

Harmonies

Analogous

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



21.2839, 22.1600, 33.2253



22.7172, 22.1600, 31.5137



23.7422, 22.1600, 27.8286

Triad

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



22.7172, 22.1600, 31.5137



22.3176, 22.1600, 17.4830



18.3442, 22.1600, 24.7660

Complementary

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



22.7172, 22.1600, 31.5137



25.4986, 28.6645, 23.9286

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.



18.5923, 22.1600, 20.7718



22.7172, 22.1600, 31.5137



20.8425, 22.1600, 16.8650

Square

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



22.7172, 22.1600, 31.5137



23.5040, 22.1600, 19.7969



19.4900, 22.1600, 17.9978



18.7961, 22.1600, 29.0499

Rectangle

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



22.7172, 22.1600, 31.5137



24.0313, 22.1600, 24.9293



19.4900, 22.1600, 17.9978



18.3487, 22.1600, 23.3450

Sweetspot

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



22.7179, 22.1609, 31.5142



47.4897, 48.8382, 57.8450



23.6039, 25.7545, 32.1611



10.4266, 10.6909, 12.7988



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.



22.7179, 22.1609, 31.5142



38.2993, 36.5146, 55.9507



24.5928, 23.1275, 31.6019



5.6784, 5.7252, 7.2755



5.7795, 2.4520, 24.0997



0.1003, 0.0452, 0.2964

Inverse Universe

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



24.6637, 23.2353, 28.3853



42.5900, 38.8853, 48.9737



23.6945, 27.7344, 23.8442



5.9505, 5.8753, 6.8455



12.2691, 6.1127, 10.1638



0.1641, 0.0804, 0.1979

Previews

White Background



This preview shows how the XYZ color 22.7172, 22.1600, 31.5137 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 22.7172, 22.1600, 31.5137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

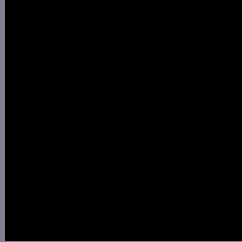
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7172, 22.1600, 31.5137

Background



This preview shows how black text looks on a background with the XYZ color 22.7172, 22.1600, 31.5137.



This preview shows how white text looks on a background with the XYZ color 22.7172, 22.1600,

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

22.7172, 22.1600, 31.5137

Protanopia

21.8936, 22.2949, 32.4276

Deuteranopia

22.5585, 22.0782, 31.5063



Tritanopia

21.8223, 22.1789, 27.1755

Trichromacy



Original Color

22.7172, 22.1600, 31.5137

Protanomaly

22.1263, 22.2295, 31.9787

Deuteranomaly

22.5585, 22.0782, 31.5063

Tritanomaly

22.1447, 22.1183, 28.6933

Monochromacy



Original Color

22.7172, 22.1600, 31.5137

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9534, 22.4410, 27.2192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7172, 22.1600, 31.5137 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(134, 126, 149)` looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 149)  
}
```

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(134, 126, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.7172, 22.1600, 31.5137 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(134, 126, 149) }
```


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

```
.border{ border-color:rgb(134, 126, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 126, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 149);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7172, 22.1600, 31.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 149) }
```

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

```
.background{ background-color: rgb(134,  
126, 149) }
```

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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