

Converting Colors

XYZ(22.0810, 24.2627, 24.0216)

Have a look what the booklet for
XYZ(22.0810, 24.2627, 24.0216)
contains.

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Color

**XYZ(22.0479, 24.1957,
23.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	828980
RGB	130, 137, 128
RGB Percent	51%, 54%, 50%
CMY	0.4902, 0.4627, 0.4980
CMYK	0.05, 0.00, 0.07, 0.46
HSL	107°, 4%, 52%
HSV	107°, 7%, 54%
XYZ	22.0479, 24.1957, 23.9303
YIQ	133.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

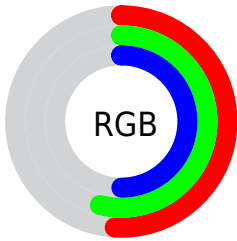
Format	Color
R_{YB}	128, 137, 135
Decimal	8554880
CIE Lab	56.28, -4.35, 3.93
CIE LCh	56, 5.861, 137.887
Yxy	24.1957, 0.3142, 0.3448
Android (android.graphics.Color)	4286744960 (0xFF828980)
YUV	133.8810, -2.8993, -3.4036
Hunter-Lab	49.1891, -6.0724, 5.5881

Details

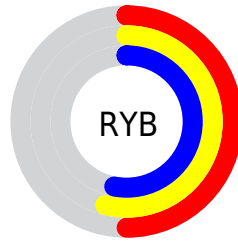
The XYZ color **22.0479, 24.1957, 23.9303** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2272, 22.3961, 26.8196**, and the grayscale version is **22.6275, 23.8059, 25.9247**.

A 20% lighter version of the original color is **46.2824, 50.2304, 50.9722**, and **8.2128, 9.1302, 8.7266** is the 20% darker color. If you saturate the color by 10%, you get **19.6556, 23.0604, 19.4246**, and if you desaturate by 10%, it is **24.7327, 25.4691, 29.0863**.

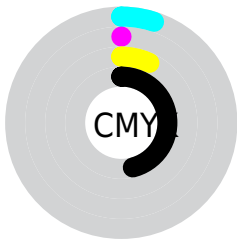
Distribution



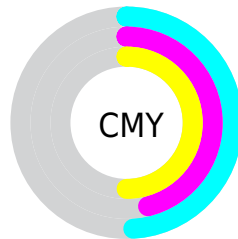
- Red (51%)
- Green (54%)
- Blue (50%)



- Red (50%)
- Yellow (54%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0479, 24.1957, 23.9303 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 22.0479, 24.1957, 23.9303 by changing the saturation by 10% instead.

■ 22.0479, 24.1957,
23.9303

■ 22.0479, 24.1957,
23.9303

255.4240,
273.8084, 285.7431

■ 14.0089, 15.4789,
15.0702

■ 46.3034, 50.3494,
50.8588

■ 8.2086, 9.1561,
8.7215

■ 63.2506, 68.5550,
69.7644

■ 4.2816, 4.8432,
4.4657

■ 83.8980, 90.6923,
92.8554

■ 1.8627, 2.1555,
1.8841

108.6108,
117.1457, 120.5506

■ 0.5550, 0.6956,
0.4826

137.7545,
148.2997, 153.2684

■ 0.0000, 0.0000,
0.0000

171.6943,

184.5385, 191.4274

210.7957,
226.2466, 235.4461

■ 22.0479, 24.1957,
23.9303

■ 22.0479, 24.1957,
23.9303

■ 19.6556, 23.0604,
19.4246

■ 24.7327, 25.4691,
29.0863

■ 17.5438, 22.0555,
15.5420

■ 27.7174, 26.8818,
34.9154

■ 15.7026, 21.1771,
12.2554

■ 31.0117, 28.4391,
41.4412

■ 14.1208, 20.4202,
9.5354

■ 34.6244, 30.1449,
48.6857

■ 12.7863, 19.7793,
7.3498

■ 38.5637, 32.0031,
56.6698

■ 11.6861, 19.2483,
5.6634

■ 42.8377, 34.0173,
65.4138

■ 10.8059, 18.8208,
4.4368

■ 47.4541, 36.1911,
74.9369

■ 10.1296, 18.4894,
3.6244

■ 52.4203, 38.5280,
85.2579

■ 9.6345, 18.2442,
3.1486

■ 57.7436, 41.0313,
96.3948

Harmonies

Analogous

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



22.6010, 24.1957, 22.9638



22.0479, 24.1957, 23.9303



21.7516, 24.1957, 25.5728

Triad

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



22.0479, 24.1957, 23.9303



22.7260, 24.1957, 30.1488



24.2546, 24.1957, 25.2198

Complementary

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



22.0479, 24.1957, 23.9303



22.2272, 22.3961, 26.8196

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.



24.2897, 24.1957, 27.1326



22.0479, 24.1957, 23.9303



23.3982, 24.1957, 30.0429

Square

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



22.0479, 24.1957, 23.9303



22.1379, 24.1957, 29.1996



23.9735, 24.1957, 28.9169



23.8786, 24.1957, 23.6828

Rectangle

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



22.0479, 24.1957, 23.9303



21.7356, 24.1957, 26.8584



23.9735, 24.1957, 28.9169



24.3069, 24.1957, 25.8382

Sweetspot

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



22.0486, 24.1967, 23.9308



41.5930, 44.3304, 46.8858



22.8639, 24.1781, 23.8843



9.3440, 9.9501, 10.5448



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.0486, 24.1967, 23.9308



38.7601, 42.9867, 41.4806



21.9047, 24.1041, 24.7588



5.0691, 5.6583, 5.3774



8.8525, 16.9336, 2.8019



0.0695, 0.1180, 0.0191

Inverse Universe

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



22.2272, 22.3961, 26.8196



39.1539, 39.0161, 47.8504



22.3817, 22.4954, 25.9377



5.1270, 5.0739, 6.3150



9.8161, 4.5745, 22.4113



0.0776, 0.0368, 0.1495

Previews

White Background



This preview shows how the XYZ color 22.0479, 24.1957, 23.9303 looks on a white background.

Color Contrast Check

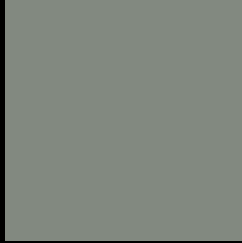
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0479, 24.1957, 23.9303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

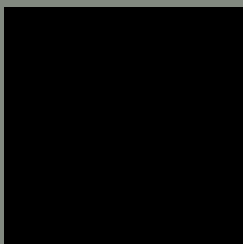
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.0479, 24.1957, 23.9303

Background



This preview shows how black text looks on a background with the XYZ color 22.0479, 24.1957, 23.9303.



This preview shows how white text looks on a background with the XYZ color 22.0479, 24.1957,

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

22.0479, 24.1957, 23.9303

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.5228, 24.0343, 24.1155



Tritanopia

23.3088, 24.0811, 30.2077

Trichromacy



Original Color

22.0479, 24.1957, 23.9303

Protanomaly

22.6481, 24.0945, 23.5357

Deuteranomaly

23.6777, 24.1997, 24.1919

Tritanomaly

22.8399, 24.0976, 27.8736

Monochromacy



Original Color

22.0479, 24.1957, 23.9303

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5017, 23.9804, 25.2725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0479, 24.1957, 23.9303 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(130, 137, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 128)  
}
```

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(130, 137, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 128) }
```

Border

The CSS property to change the border of an element to XYZ 22.0479, 24.1957, 23.9303 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(130, 137, 128) }
```


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

```
.border{ border-color:rgb(130, 137, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0479, 24.1957, 23.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 128) }
```

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

```
.background{ background-color: rgb(130,  
137, 128) }
```

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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