

Converting Colors

XYZ(20.9461, 22.2547, 26.8161)

Have a look what the booklet for
XYZ(20.9461, 22.2547, 26.8161)
contains.

XYZ(20.9438, 22.3238, 26.8720)	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(20.9438, 22.3238,
26.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8389
RGB	124, 131, 137
RGB Percent	49%, 51%, 54%
CMY	0.5137, 0.4863, 0.4627
CMYK	0.09, 0.04, 0.00, 0.46
HSL	208°, 5%, 51%
HSV	208°, 9%, 54%
XYZ	20.9438, 22.3238, 26.8720
YIQ	129.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

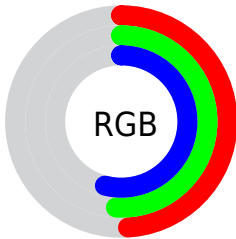
Format	Color
RYB	124, 129, 137
Decimal	8160137
CIELab	54.37, -1.31, -4.13
CIELCh	54, 4.330, 252.351
Yxy	22.3238, 0.2986, 0.3183
Android (android.graphics.Color)	4286350217 (0xFF7C8389)
YUV	129.5910, 3.6526, -4.9033
Hunter-Lab	47.2481, -3.5599, -0.6471

Details

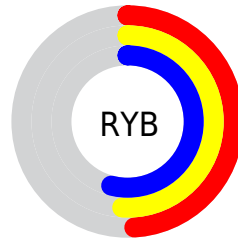
The XYZ color **20.9438, 22.3238, 26.8720** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9373, 22.7387, 22.3019**, and the grayscale version is **21.0633, 22.1603, 24.1325**.

A 20% lighter version of the original color is **44.5662, 47.3458, 55.5050**, and **7.6392, 8.2186, 10.2005** is the 20% darker color. If you saturate the color by 10%, you get **18.2768, 19.7274, 26.5118**, and if you desaturate by 10%, it is **23.9390, 25.1675, 27.2634**.

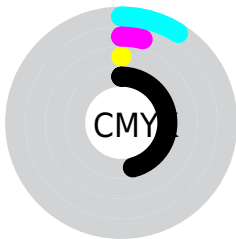
Distribution



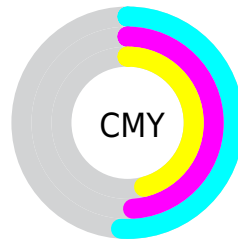
- Red (49%)
- Green (51%)
- Blue (54%)



- Red (49%)
- Yellow (51%)
- Blue (54%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9438, 22.3238, 26.8720 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 20.9438, 22.3238, 26.8720 by changing the saturation by 10% instead.

■ 20.9438, 22.3238,
26.8720

■ 20.9438, 22.3238,
26.8720

249.7170,
264.2326, 300.7774

■ 13.1952, 14.0950,
17.2455

■ 44.4860, 47.2806,
55.6796

■ 7.6410, 8.1868,
10.2459

■ 61.0102, 64.7774,
75.6979

■ 3.9160, 4.2147,
5.4546

■ 81.1903, 86.1323,
100.0171

■ 1.6547, 1.7944,
2.4530

105.3917,
111.7297, 129.0559

■ 0.4277, 0.4837,
0.8151

133.9797,
141.9541, 163.2328

■ 0.0000, 0.0000,
0.0000

167.3197,

177.1898, 202.9663

205.7770,
217.8211, 248.6750

■ 20.9438, 22.3238,
26.8720

■ 20.9438, 22.3238,
26.8720

■ 18.2768, 19.7274,
26.5118

■ 23.9390, 25.1675,
27.2634

■ 15.9238, 17.3678,
26.1803

■ 27.2721, 28.2630,
27.6852

■ 13.8726, 15.2379,
25.8773

■ 30.9544, 31.6182,
28.1387

■ 12.1091, 13.3290,
25.6018

■ 34.9966, 35.2395,
28.6247

■ 10.6182, 11.6319,
25.3528

■ 39.4085, 39.1335,
29.1438

■ 9.3833, 10.1365,
25.1293

■ 44.1997, 43.3063,
29.6966

■ 8.3856, 8.8315,
24.9300

■ 49.3795, 47.7637,
30.2840

■ 7.6034, 7.7041,
24.7536

■ 54.9566, 52.5115,
30.9065

■ 6.9806, 6.7236,
24.5971

■ 60.9398, 57.5554,
31.5647

Harmonies

Analogous

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



20.5536, 22.3238, 26.1025



20.9438, 22.3238, 26.8720



21.4131, 22.3238, 26.9386

Triad

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



20.9438, 22.3238, 26.8720



22.1182, 22.3238, 23.7544



20.6118, 22.3238, 22.4339

Complementary

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



20.9438, 22.3238, 26.8720



21.9373, 22.7387, 22.3019

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.



21.0243, 22.3238, 21.8523



20.9438, 22.3238, 26.8720



21.8967, 22.3238, 22.5955

Square

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



20.9438, 22.3238, 26.8720



22.0958, 22.3238, 25.1044



21.4948, 22.3238, 21.9103



20.3639, 22.3238, 23.5263

Rectangle

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



20.9438, 22.3238, 26.8720



21.7081, 22.3238, 26.5722



21.4948, 22.3238, 21.9103



20.7356, 22.3238, 22.1740

Sweetspot

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



20.9444, 22.3247, 26.8725



40.8829, 43.1974, 48.5663



21.2774, 23.7845, 24.5361



9.0793, 9.6032, 10.8814



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.



20.9444, 22.3247, 26.8725



36.6276, 39.1318, 48.0059



20.1172, 20.6703, 26.5968



4.9831, 5.3092, 6.3680



6.4862, 6.2426, 22.9088



0.0578, 0.0708, 0.1571

Inverse Universe

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



21.6214, 21.3728, 24.4596



38.0529, 37.1553, 42.9195



22.8085, 24.4811, 22.5923



5.1381, 5.0907, 5.8157



10.7607, 5.4144, 6.5103



0.0789, 0.0389, 0.0822

Previews

White Background



This preview shows how the XYZ color 20.9438, 22.3238, 26.8720 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 20.9438, 22.3238, 26.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

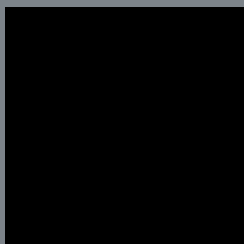
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

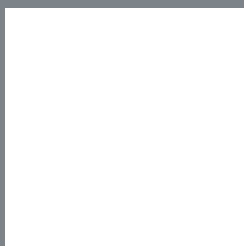
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9438, 22.3238, 26.8720

Background



This preview shows how black text looks on a background with the XYZ color 20.9438, 22.3238, 26.8720.



This preview shows how white text looks on a background with the XYZ color 20.9438, 22.3238,

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

20.9438, 22.3238, 26.8720

Protanopia

21.5001, 22.2239, 26.4490

Deuteranopia

22.6958, 22.2457, 27.1424



Tritanopia

21.2478, 22.2483, 28.3738

Trichromacy



Original Color

20.9438, 22.3238, 26.8720

Protanomaly

21.3287, 22.3320, 26.4789

Deuteranomaly

22.1381, 22.3417, 27.1903

Tritanomaly

21.1737, 22.2187, 27.9836

Monochromacy



Original Color

20.9438, 22.3238, 26.8720

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.1184, 22.2479, 25.3715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9438, 22.3238, 26.8720 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(124, 131, 137)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 137)  
}
```

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(124, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 137) }
```

Border

The CSS property to change the border of an element to XYZ 20.9438, 22.3238, 26.8720 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(124, 131, 137) }
```


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

```
.border{ border-color:rgb(124, 131, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9438, 22.3238, 26.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 137) }
```

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

```
.background{ background-color: rgb(124,  
131, 137) }
```

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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