

Converting Colors

XYZ(20.8931, 22.4381, 29.6154)

Have a look what the booklet for
XYZ(20.8931, 22.4381, 29.6154)
contains.

XYZ(20.8931, 22.4381, 29.6154)	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(20.8931, 22.4381,
29.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	778490
RGB	119, 132, 144
RGB Percent	47%, 52%, 56%
CMY	0.5333, 0.4823, 0.4353
CMYK	0.17, 0.08, 0.00, 0.44
HSL	209°, 10%, 52%
HSV	209°, 17%, 56%
XYZ	20.8931, 22.4381, 29.6154
YIQ	129.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

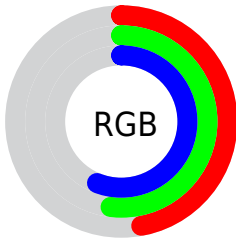
Format	Color
R_{YB}	119, 128, 144
Decimal	7832720
CIE _{Lab}	54.49, -2.07, -8.05
CIE _{LCh}	54, 8.314, 255.558
Yxy	22.4381, 0.2864, 0.3076
Android (android.graphics.Color)	4286022800 (0xFF778490)
YUV	129.4810, 7.1579, -9.1918
Hunter-Lab	47.3689, -4.1641, -3.9104

Details

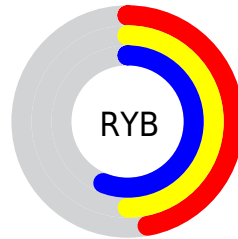
The XYZ color **20.8931, 22.4381, 29.6154** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9479, 23.4939, 20.7786**, and the grayscale version is **21.0142, 22.1085, 24.0762**.

A 20% lighter version of the original color is **44.3366, 47.4331, 60.2448**, and **7.6394, 8.2968, 11.7885** is the 20% darker color. If you saturate the color by 10%, you get **18.1584, 19.6833, 29.2282**, and if you desaturate by 10%, it is **23.9907, 25.4733, 30.0384**.

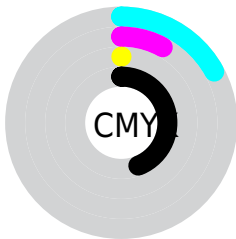
Distribution



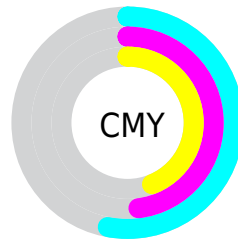
- Red (47%)
- Green (52%)
- Blue (56%)



- Red (47%)
- Yellow (50%)
- Blue (56%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8931, 22.4381, 29.6154 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 20.8931, 22.4381, 29.6154 by changing the saturation by 10% instead.

■ 20.8931, 22.4381,
29.6154

■ 20.8931, 22.4381,
29.6154

249.4523,
264.8257, 314.2589

■ 13.1579, 14.1792,
19.2973

■ 44.4022, 47.4690,
60.1072

■ 7.6151, 8.2454,
11.7063

■ 60.9068, 65.0098,
81.1180

■ 3.8994, 4.2524,
6.4239

■ 81.0652, 86.4133,
106.5301

■ 1.6454, 1.8157,
3.0316

105.2428,
112.0639, 136.7620

■ 0.4217, 0.4969,
1.1108

133.8050,
142.3461, 172.2323

■ 0.0000, 0.0000,
0.0000

167.1170,

177.6442, 213.3595

205.5444,
218.3426, 260.5622

■ 20.8931, 22.4381,
29.6154

■ 20.8931, 22.4381,
29.6154

■ 18.1584, 19.6833,
29.2282

■ 23.9907, 25.4733,
30.0384

■ 15.7699, 17.1969,
28.8741

■ 27.4630, 28.7950,
30.4965

■ 13.7127, 14.9698,
28.5527

■ 31.3236, 32.4125,
30.9913

■ 11.9698, 12.9914,
28.2627

■ 35.5849, 36.3337,
31.5235

■ 10.5226, 11.2503,
28.0029

■ 40.2586, 40.5663,
32.0942

■ 9.3502, 9.7335,
27.7719

■ 45.3560, 45.1178,
32.7040

■ 8.4286, 8.4267,
27.5682

■ 50.8879, 49.9951,
33.3539

■ 7.7156, 7.3059,
27.3895

■ 56.8648, 55.2052,
34.0445

■ 7.5427, 7.0308,
27.3455

■ 63.2967, 60.7547,
34.7767

Harmonies

Analogous

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



20.1243, 22.4381, 28.1886



20.8931, 22.4381, 29.6154



21.7998, 22.4381, 29.5867

Triad

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



20.8931, 22.4381, 29.6154



23.0581, 22.4381, 23.1110



20.1011, 22.4381, 21.0861

Complementary

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



20.8931, 22.4381, 29.6154



22.9479, 23.4939, 20.7786

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.



20.8606, 22.4381, 19.9125



20.8931, 22.4381, 29.6154



22.5762, 22.4381, 21.0236

Square

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



20.8931, 22.4381, 29.6154



23.0674, 22.4381, 25.7032



21.7663, 22.4381, 19.8904



19.6759, 22.4381, 23.2021

Rectangle

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



20.8931, 22.4381, 29.6154



22.3611, 22.4381, 28.7413



21.7663, 22.4381, 19.8904



20.3248, 22.4381, 20.5752

Sweetspot

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



20.8938, 22.4390, 29.6159



43.6376, 46.2064, 53.1568



21.6557, 25.4986, 25.1353



9.9216, 10.5138, 12.1787



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.8938, 22.4390, 29.6159



34.8120, 37.5400, 51.9492



19.3388, 19.3290, 29.0976



5.3470, 5.6898, 6.8452



6.5919, 6.1697, 23.8205



0.0851, 0.1031, 0.2351

Inverse Universe

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



22.2639, 20.7895, 24.6702



37.7400, 34.1479, 41.3499



24.6793, 26.9566, 21.3557



5.5186, 5.4680, 6.2291



11.1304, 5.6092, 6.3379



0.1176, 0.0581, 0.1193

Previews

White Background



This preview shows how the XYZ color 20.8931, 22.4381, 29.6154 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 20.8931, 22.4381, 29.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

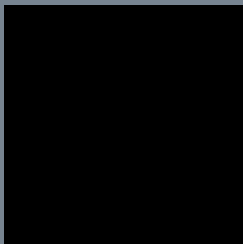
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

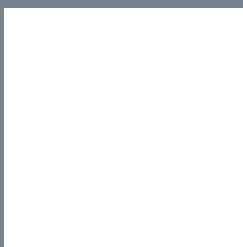
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8931, 22.4381, 29.6154

Background



This preview shows how black text looks on a background with the XYZ color 20.8931, 22.4381, 29.6154.



This preview shows how white text looks on a background with the XYZ color 20.8931, 22.4381,

29.6154.

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

20.8931, 22.4381, 29.6154

Protanopia

21.7860, 22.3206, 28.7513

Deuteranopia

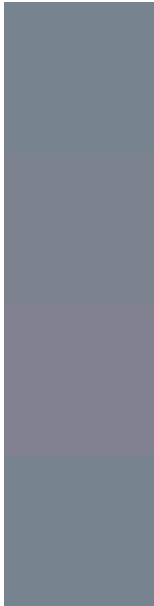
22.8535, 22.4573, 29.9182



Tritanopia

20.8169, 22.4076, 29.2145

Trichromacy



Original Color

20.8931, 22.4381, 29.6154

Protanomaly

21.3980, 22.3084, 29.1648

Deuteranomaly

22.1670, 22.4907, 29.9609

Tritanomaly

20.8169, 22.4076, 29.2145

Monochromacy



Original Color

20.8931, 22.4381, 29.6154

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7432, 22.0465, 25.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8931, 22.4381, 29.6154 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(119, 132, 144)` looks like.

```
.text, #text, p{  
    color:rgb(119, 132, 144)  
}
```

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(119, 132, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 132, 144) }
```

Border

The CSS property to change the border of an element to XYZ 20.8931, 22.4381, 29.6154 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(119, 132, 144) }
```


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

```
.border{ border-color:rgb(119, 132, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 132, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 132, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 132, 144);  
box-shadow:4px 4px 4px 4px rgb(119, 132,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8931, 22.4381, 29.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 132, 144) }
```

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

```
.background{ background-color: rgb(119,  
132, 144) }
```

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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