

Converting Colors

XYZ(21.6916, 22.4825, 29.2186)

Have a look what the booklet for
XYZ(21.6916, 22.4825, 29.2186)
contains.

XYZ(21.6930, 22.4605, 29.1786)	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(21.6930, 22.4605,
29.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	7F828F
RGB	127, 130, 143
RGB Percent	50%, 51%, 56%
CMY	0.5020, 0.4902, 0.4392
CMYK	0.11, 0.09, 0.00, 0.44
HSL	229°, 7%, 53%
HSV	229°, 11%, 56%
XYZ	21.6930, 22.4605, 29.1786
YIQ	130.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

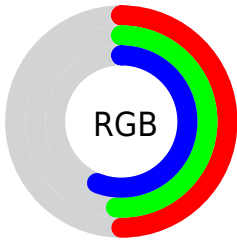
Format	Color
R_{YB}	127, 130, 143
Decimal	8356495
CIE Lab	54.51, 1.63, -7.37
CIE LCh	55, 7.548, 282.459
Yxy	22.4605, 0.2958, 0.3063
Android (android.graphics.Color)	4286546575 (0xFF7F828F)
YUV	130.5850, 6.1206, -3.1440
Hunter-Lab	47.3925, -1.2320, -3.3289

Details

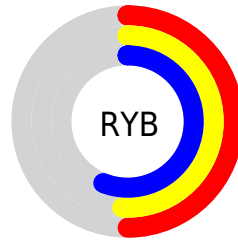
The XYZ color **21.6930, 22.4605, 29.1786** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5367, 26.1280, 23.8292**, and the grayscale version is **21.4065, 22.5214, 24.5258**.

A 20% lighter version of the original color is **45.8339, 47.6015, 59.5956**, and **8.0601, 8.2949, 11.5322** is the 20% darker color. If you saturate the color by 10%, you get **18.2537, 18.5221, 28.6000**, and if you desaturate by 10%, it is **25.6105, 26.9056, 29.8305**.

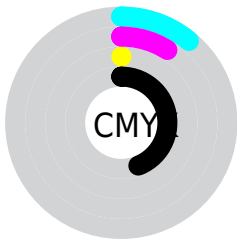
Distribution



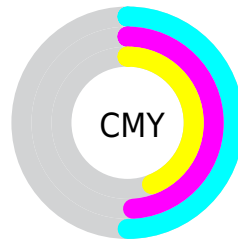
- Red (50%)
- Green (51%)
- Blue (56%)



- Red (50%)
- Yellow (51%)
- Blue (56%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6930, 22.4605, 29.1786 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 21.6930, 22.4605, 29.1786 by changing the saturation by 10% instead.

■ 21.6930, 22.4605,
29.1786

■ 21.6930, 22.4605,
29.1786

253.6014,
264.9418, 312.1440

■ 13.7468, 14.1957,
18.9692

■ 45.7207, 47.5059,
59.4063

■ 8.0253, 8.2569,
11.4715

■ 62.5330, 65.0553,
80.2617

■ 4.1631, 4.2598,
6.2667

■ 83.0313, 86.4683,
105.5029

■ 1.7948, 1.8199,
2.9365

107.5810,
112.1294, 135.5483

■ 0.5145, 0.4995,
1.0623

136.5476,
142.4229, 170.8166

■ 0.0000, 0.0000,
0.0000

170.2962,

177.7331, 211.7263

209.1924,
218.4447, 258.6959

■ 21.6930, 22.4605,
29.1786

■ 21.6930, 22.4605,
29.1786

■ 18.2537, 18.5221,
28.6000

■ 25.6105, 26.9056,
29.8305

■ 15.2720, 15.0695,
28.0908

■ 30.0215, 31.8718,
30.5566

■ 12.7291, 12.0844,
27.6486

■ 34.9433, 37.3762,
31.3596

■ 10.6037, 9.5465,
27.2708

■ 40.3916, 43.4346,
32.2418

■ 8.8731, 7.4336,
26.9542

■ 46.3816, 50.0619,
33.2053

■ 7.5121, 5.7220,
26.6955

■ 52.9276, 57.2725,
34.2521

■ 6.4925, 4.3850,
26.4912

■ 60.0436, 65.0803,
35.3841

■ 5.7818, 3.3930,
26.3372

■ 67.7430, 73.4987,
36.6032

■ 5.3460, 2.7592,
26.2378

■ 75.7800, 82.4072,
37.8991

Harmonies

Analogous

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



20.8722, 22.4605, 29.0611



21.6930, 22.4605, 29.1786



22.4398, 22.4605, 27.9725

Triad

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



21.6930, 22.4605, 29.1786



22.5431, 22.4605, 21.5078



19.8671, 22.4605, 23.1083

Complementary

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



21.6930, 22.4605, 29.1786



24.5367, 26.1280, 23.8292

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.



20.2922, 22.4605, 21.2467



21.6930, 22.4605, 29.1786



21.8310, 22.4605, 20.3644

Square

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



21.6930, 22.4605, 29.1786



22.9391, 22.4605, 23.4861



21.0067, 22.4605, 20.2720



19.8323, 22.4605, 25.4516

Rectangle

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



21.6930, 22.4605, 29.1786



22.7896, 22.4605, 26.6229



21.0067, 22.4605, 20.2720



19.9686, 22.4605, 22.4093

Sweetspot

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



21.6937, 22.4614, 29.1791



44.4820, 46.6206, 53.1922



23.2942, 26.0449, 28.5335



10.0742, 10.5479, 12.1772



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.



21.6937, 22.4614, 29.1791



37.4947, 38.6789, 52.0276



22.0322, 22.0519, 29.0822



5.2064, 5.4086, 6.7983



4.7390, 2.4641, 23.2029



0.0575, 0.0479, 0.2259

Inverse Universe

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



22.9469, 22.6306, 24.2789



40.1258, 39.0523, 41.7358



24.1680, 26.5980, 23.9393



5.4477, 5.4396, 5.8554



10.1952, 5.2351, 1.4131



0.1036, 0.0525, 0.0459

Previews

White Background



This preview shows how the XYZ color 21.6930, 22.4605, 29.1786 looks on a white background.

Color Contrast Check

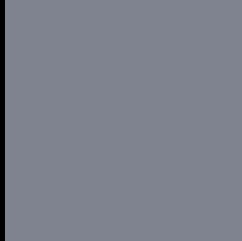
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6930, 22.4605, 29.1786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

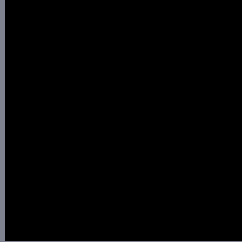
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6930, 22.4605, 29.1786

Background



This preview shows how black text looks on a background with the XYZ color 21.6930, 22.4605, 29.1786.



This preview shows how white text looks on a background with the XYZ color 21.6930, 22.4605,

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

21.6930, 22.4605, 29.1786

Protanopia

21.8614, 22.3508, 29.1485

Deuteranopia

22.9399, 22.5107, 29.5215



Tritanopia

21.5427, 22.4004, 28.3876

Trichromacy



Original Color

21.6930, 22.4605, 29.1786

Protanomaly

21.7103, 22.2729, 29.1414

Deuteranomaly

22.4261, 22.4385, 29.5346

Tritanomaly

21.6175, 22.4303, 28.7813

Monochromacy



Original Color

21.6930, 22.4605, 29.1786

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6954, 22.7277, 26.1651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6930, 22.4605, 29.1786 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(127, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(127, 130, 143)  
}
```

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(127, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 130, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.6930, 22.4605, 29.1786 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(127, 130, 143) }
```


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

```
.border{ border-color:rgb(127, 130, 143) }
```

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

Here you see how a box with a 4 pixel rgb(127, 130, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(127, 130,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6930, 22.4605, 29.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 130, 143) }
```

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

```
.background{ background-color: rgb(127,  
130, 143) }
```

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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