

Converting Colors

XYZ(21.7920, 22.6740, 29.5810)

Have a look what the booklet for
XYZ(21.7920, 22.6740, 29.5810)
contains.

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Color

**XYZ(21.7545, 22.6818,
29.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8390
RGB	126, 131, 144
RGB Percent	49%, 51%, 56%
CMY	0.5059, 0.4863, 0.4353
CMYK	0.12, 0.09, 0.00, 0.44
HSL	223°, 7%, 53%
HSV	223°, 12%, 56%
XYZ	21.7545, 22.6818, 29.6170
YIQ	130.9870, -7.1530, 2.9830

Conversions

Conversions Part 2

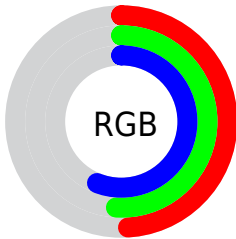
Format	Color
R_{YB}	126, 130, 144
Decimal	8291216
CIE _{Lab}	54.74, 0.92, -7.61
CIE _{LCh}	55, 7.670, 276.903
Yxy	22.6818, 0.2938, 0.3063
Android (android.graphics.Color)	4286481296 (0xFF7E8390)
YUV	130.9870, 6.4154, -4.3736
Hunter-Lab	47.6254, -1.8086, -3.5331

Details

The XYZ color **21.7545, 22.6818, 29.6170** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5002, 25.9008, 23.4471**, and the grayscale version is **21.5489, 22.6711, 24.6889**.

A 20% lighter version of the original color is **45.9239, 47.9419, 60.2593**, and **8.0982, 8.4205, 11.7882** is the 20% darker color. If you saturate the color by 10%, you get **18.4549, 19.0110, 29.0827**, and if you desaturate by 10%, it is **25.5013, 26.7924, 30.2133**.

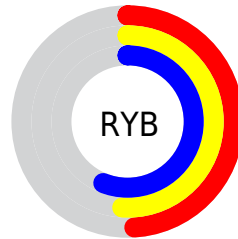
Distribution



Red (49%)

Green (51%)

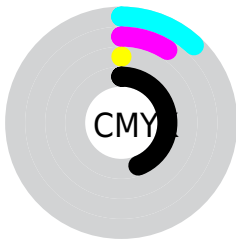
Blue (56%)



Red (49%)

Yellow (51%)

Blue (56%)

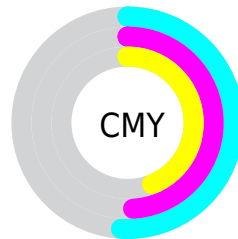


Cyan (12%)

Magenta (9%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7545, 22.6818, 29.6170 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 21.7545, 22.6818, 29.6170 by changing the saturation by 10% instead.

■ 21.7545, 22.6818,
29.6170

■ 21.7545, 22.6818,
29.6170

253.9181,
266.0864, 314.2666

■ 13.7922, 14.3587,
19.2985

■ 45.8218, 47.8703,
60.1098

■ 8.0570, 8.3706,
11.7072

■ 62.6575, 65.5045,
81.1211

■ 4.1836, 4.3330,
6.4245

■ 83.1817, 87.0113,
106.5338

■ 1.8065, 1.8615,
3.0319

107.7598,
112.7749, 136.7664

■ 0.5216, 0.5251,
1.1110

136.7571,
143.1799, 172.2375

■ 0.0000, 0.0000,
0.0000

170.5391,

178.6105, 213.3655

209.4709,
219.4512, 260.5690

■ 21.7545, 22.6818,
29.6170

■ 21.7545, 22.6818,
29.6170

■ 18.4549, 19.0110,
29.0827

■ 25.5013, 26.7924,
30.2133

■ 15.5835, 15.7624,
28.6070

■ 29.7094, 31.3542,
30.8720

■ 13.1225, 12.9210,
28.1883

■ 34.3950, 36.3817,
31.5955

■ 11.0525, 10.4700,
27.8243

■ 39.5725, 41.8879,
32.3854

■ 9.3522, 8.3913,
27.5127

■ 45.2559, 47.8850,
33.2434

■ 7.9980, 6.6654,
27.2509

■ 51.4588, 54.3852,
34.1711

■ 6.9638, 5.2705,
27.0362

■ 58.1940, 61.3999,
35.1701

■ 6.2189, 4.1821,
26.8654

■ 65.4739, 68.9404,
36.2419

■ 5.7934, 3.5322,
26.7624

■ 73.0888, 76.9030,
37.3775

Harmonies

Analogous

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



20.9264, 22.6818, 29.2352



21.7545, 22.6818, 29.6170



22.5501, 22.6818, 28.6130

Triad

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



21.7545, 22.6818, 29.6170



22.8857, 22.6818, 22.0032



20.0962, 22.6818, 22.9135

Complementary

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



21.7545, 22.6818, 29.6170



24.5002, 25.9008, 23.4471

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.



20.5962, 22.6818, 21.1550



21.7545, 22.6818, 29.6170



22.2029, 22.6818, 20.6539

Square

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



21.7545, 22.6818, 29.6170



23.2142, 22.6818, 24.1408



21.3634, 22.6818, 20.3538



19.9832, 22.6818, 25.2609

Rectangle

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



21.7545, 22.6818, 29.6170



22.9502, 22.6818, 27.3293



21.3634, 22.6818, 20.3538



20.2239, 22.6818, 22.2387

Sweetspot

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



21.7552, 22.6827, 29.6175



43.8787, 46.0556, 53.1150



23.2307, 26.2437, 28.2293



9.9532, 10.4422, 12.1632



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.



21.7552, 22.6827, 29.6175



36.6580, 38.1113, 51.9622



21.6859, 21.6737, 29.4264



5.2440, 5.4838, 6.8109



5.0627, 3.1114, 23.3108



0.0650, 0.0629, 0.2284

Inverse Universe

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



23.0597, 22.4902, 24.5994



39.4336, 37.7420, 41.2765



24.5716, 27.0374, 23.6628



5.4666, 5.4472, 5.9553



10.3585, 5.3004, 2.2734



0.1074, 0.0540, 0.0658

Previews

White Background



This preview shows how the XYZ color 21.7545, 22.6818, 29.6170 looks on a white background.

Color Contrast Check

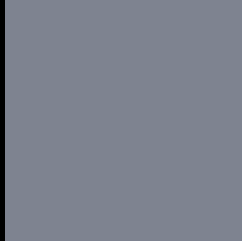
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7545, 22.6818, 29.6170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

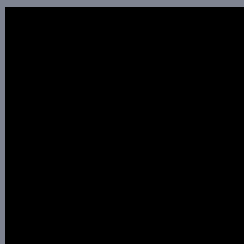
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7545, 22.6818, 29.6170

Background



This preview shows how black text looks on a background with the XYZ color 21.7545, 22.6818, 29.6170.



This preview shows how white text looks on a background with the XYZ color 21.7545, 22.6818,

29.6170.

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

21.7545, 22.6818, 29.6170

Protanopia

22.1465, 22.6943, 29.1998

Deuteranopia

23.0167, 22.5414, 29.9259



Tritanopia

21.6030, 22.6212, 28.8189

Trichromacy



Original Color

21.7545, 22.6818, 29.6170

Protanomaly

21.9938, 22.6156, 29.1926

Deuteranomaly

22.5029, 22.4692, 29.9390

Tritanomaly

21.6784, 22.6514, 29.2162

Monochromacy



Original Color

21.7545, 22.6818, 29.6170

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6135, 22.6773, 26.5306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7545, 22.6818, 29.6170 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(126, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 131, 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(126, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.7545, 22.6818, 29.6170 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(126, 131, 144) }
```


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

```
.border{ border-color:rgb(126, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 131,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7545, 22.6818, 29.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 131, 144) }
```

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

```
.background{ background-color: rgb(126,  
131, 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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