

Converting Colors

XYZ(22.6672, 23.6980, 29.7659)

Have a look what the booklet for
XYZ(22.6672, 23.6980, 29.7659)
contains.

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Color

**XYZ(22.7651, 23.8096,
29.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	828690
RGB	130, 134, 144
RGB Percent	51%, 53%, 56%
CMY	0.4902, 0.4745, 0.4353
CMYK	0.10, 0.07, 0.00, 0.44
HSL	223°, 6%, 54%
HSV	223°, 10%, 56%
XYZ	22.7651, 23.8096, 29.7814
YIQ	133.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

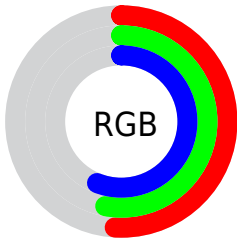
Format	Color
R_{YB}	130, 133, 144
Decimal	8554128
CIE Lab	55.90, 0.61, -5.87
CIE LCh	56, 5.897, 275.977
Yxy	23.8096, 0.2981, 0.3118
Android (android.graphics.Color)	4286744208 (0xFF828690)
YUV	133.9440, 4.9576, -3.4589
Hunter-Lab	48.7951, -2.1131, -2.0303

Details

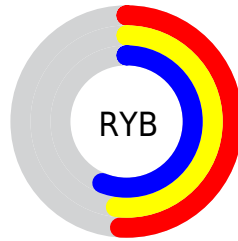
The XYZ color **22.7651, 23.8096, 29.7814** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9092, 26.2972, 24.8827**, and the grayscale version is **22.6238, 23.8020, 25.9204**.

A 20% lighter version of the original color is **47.4918, 49.6851, 60.5132**, and **8.5840, 8.8981, 11.8548** is the 20% darker color. If you saturate the color by 10%, you get **19.3562, 20.0443, 29.2347**, and if you desaturate by 10%, it is **26.6229, 28.0128, 30.3898**.

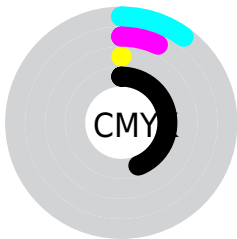
Distribution



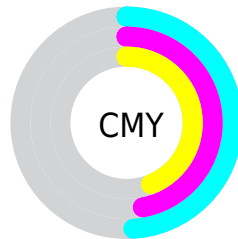
- Red (51%)
- Green (53%)
- Blue (56%)



- Red (51%)
- Yellow (52%)
- Blue (56%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7651, 23.8096, 29.7814 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 22.7651, 23.8096, 29.7814 by changing the saturation by 10% instead.

■ 22.7651, 23.8096,
29.7814

■ 22.7651, 23.8096,
29.7814

259.0741,
271.8565, 315.0597

■ 14.5399, 15.1924,
19.4221

■ 47.4768, 49.7193,
60.3732

■ 8.5813, 8.9546,
11.7958

■ 64.6941, 67.7807,
81.4428

■ 4.5240, 4.7116,
6.4839

■ 85.6394, 89.7589,
106.9195

■ 2.0027, 2.0790,
3.0680

110.6781,
116.0383, 137.2220

■ 0.6355, 0.6528,
1.1295

140.1755,
147.0034, 172.7687

■ 0.0000, 0.0000,
0.0000

174.4971,

183.0385, 213.9782

214.0082,
224.5281, 261.2690

■ 22.7651, 23.8096,
29.7814

■ 22.7651, 23.8096,
29.7814

■ 19.3562, 20.0443,
29.2347

■ 26.6229, 28.0128,
30.3898

■ 16.3772, 16.6994,
28.7460

■ 30.9431, 32.6647,
31.0599

■ 13.8112, 13.7606,
28.3140

■ 35.7416, 37.7793,
31.7943

■ 11.6392, 11.2119,
27.9366

■ 41.0326, 43.3692,
32.5943

■ 9.8404, 9.0358,
27.6113

■ 46.8298, 49.4464,
33.4618

■ 8.3924, 7.2135,
27.3359

■ 53.1464, 56.0227,
34.3983

■ 7.2698, 5.7244,
27.1077

■ 59.9951, 63.1092,
35.4051

■ 6.4438, 4.5453,
26.9236

■ 67.3881, 70.7168,
36.4839

■ 5.8475, 3.6330,
26.7789

■ 73.6236, 77.9727,
37.5558

Harmonies

Analogous

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



22.1084, 23.8096, 29.4531



22.7651, 23.8096, 29.7814



23.3978, 23.8096, 29.0356

Triad

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



22.7651, 23.8096, 29.7814



23.6920, 23.8096, 23.8112



21.4707, 23.8096, 24.4473

Complementary

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



22.7651, 23.8096, 29.7814



24.9092, 26.2972, 24.8827

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.



21.8798, 23.8096, 23.0441



22.7651, 23.8096, 29.7814



23.1604, 23.8096, 22.6898

Square

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



22.7651, 23.8096, 29.7814



23.9397, 23.8096, 25.5412



22.4961, 23.8096, 22.4161



21.3696, 23.8096, 26.3118

Rectangle

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



22.7651, 23.8096, 29.7814



23.7181, 23.8096, 28.0505



22.4961, 23.8096, 22.4161



21.5763, 23.8096, 23.9089

Sweetspot

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



22.7658, 23.8106, 29.7819



44.5943, 46.8450, 53.2296



23.8986, 26.5803, 28.6051



10.1061, 10.6117, 12.1878



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.



22.7658, 23.8106, 29.7819



38.5615, 40.2472, 52.2741



22.6585, 22.9498, 29.6214



5.2473, 5.4905, 6.8120



5.0971, 3.1802, 23.3223



0.0656, 0.0642, 0.2286

Inverse Universe

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



23.7879, 23.6164, 25.8600



40.8023, 39.8513, 43.6693



25.0215, 27.2389, 25.0586



5.4683, 5.4479, 5.9642



10.3759, 5.3074, 2.3648



0.1077, 0.0542, 0.0676

Previews

White Background



This preview shows how the XYZ color 22.7651, 23.8096, 29.7814 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 22.7651, 23.8096, 29.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

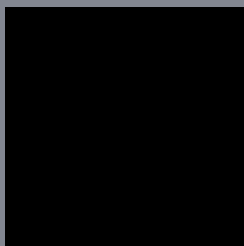
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

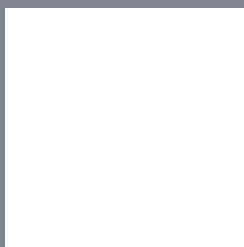
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7651, 23.8096, 29.7814

Background



This preview shows how black text looks on a background with the XYZ color 22.7651, 23.8096, 29.7814.

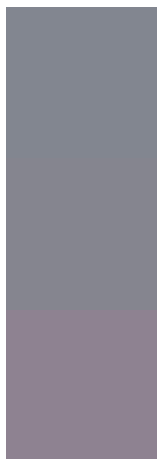


This preview shows how white text looks on a background with the XYZ color 22.7651, 23.8096,

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

22.7651, 23.8096, 29.7814

Protanopia

23.0183, 23.7448, 29.3566

Deuteranopia

24.2488, 23.7604, 30.0962



Tritanopia

22.8419, 23.8404, 30.1858

Trichromacy



Original Color

22.7651, 23.8096, 29.7814

Protanomaly

22.8612, 23.6638, 29.3492

Deuteranomaly

23.7084, 23.6802, 30.1092

Tritanomaly

22.8419, 23.8404, 30.1858

Monochromacy



Original Color

22.7651, 23.8096, 29.7814

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.7854, 23.8717, 27.4515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7651, 23.8096, 29.7814 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, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 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(130, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.7651, 23.8096, 29.7814 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, 134, 144) }
```


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

```
.border{ border-color:rgb(130, 134, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 134, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7651, 23.8096, 29.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 144) }
```

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

```
.background{ background-color: rgb(130,  
134, 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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