

Converting Colors

XYZ(21.8156, 23.8768, 26.1290)

Have a look what the booklet for
XYZ(21.8156, 23.8768, 26.1290)
contains.

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Color

**XYZ(21.7114, 23.7652,
25.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8886
RGB	126, 136, 134
RGB Percent	49%, 53%, 53%
CMY	0.5059, 0.4667, 0.4745
CMYK	0.07, 0.00, 0.01, 0.47
HSL	168°, 4%, 51%
HSV	168°, 7%, 53%
XYZ	21.7114, 23.7652, 25.9971
YIQ	132.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

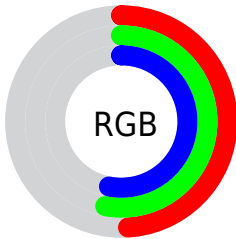
Format	Color
R_{YB}	126, 132, 136
Decimal	8292486
CIE _{Lab}	55.85, -4.06, -0.19
CIE _{LCh}	56, 4.064, 182.715
Yxy	23.7652, 0.3038, 0.3325
Android (android.graphics.Color)	4286482566 (0xFF7E8886)
YUV	132.7820, 0.6005, -5.9478
Hunter-Lab	48.7496, -5.8139, 2.5066

Details

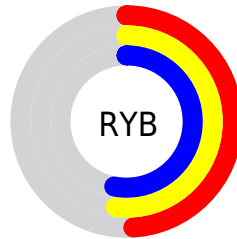
The XYZ color **21.7114, 23.7652, 25.9971** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5113, 21.7150, 23.4808**, and the grayscale version is **22.2149, 23.3718, 25.4519**.

A 20% lighter version of the original color is **45.7576, 49.5668, 54.1694**, and **7.9886, 8.8735, 9.6792** is the 20% darker color. If you saturate the color by 10%, you get **19.6534, 22.7266, 24.9227**, and if you desaturate by 10%, it is **24.0483, 24.9483, 27.1111**.

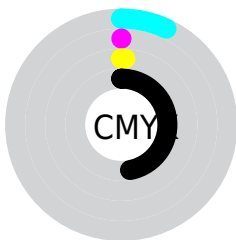
Distribution



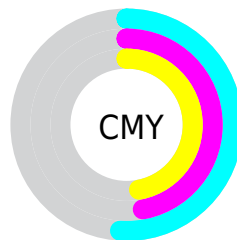
- Red (49%)
- Green (53%)
- Blue (53%)



- Red (49%)
- Yellow (52%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7114, 23.7652, 25.9971 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 21.7114, 23.7652, 25.9971 by changing the saturation by 10% instead.

■ 21.7114, 23.7652,
25.9971

■ 21.7114, 23.7652,
25.9971

253.6962,
271.6313, 296.3729

■ 13.7604, 15.1595,
16.5957

■ 45.7510, 49.6468,
54.2543

■ 8.0348, 8.9314,
9.7878

■ 62.5702, 67.6915,
73.9472

■ 4.1692, 4.6965,
5.1547

■ 83.0763, 89.6513,
97.9077

■ 1.7983, 2.0703,
2.2780

107.6345,
115.9107, 126.5543

■ 0.5166, 0.6478,
0.7189

136.6103,
146.8539, 160.3056

■ 0.0000, 0.0000,
0.0000

170.3689,

182.8655, 199.5801

209.2758,
224.3298, 244.7963

■ 21.7114, 23.7652,
25.9971

■ 21.7114, 23.7652,
25.9971

■ 19.6534, 22.7266,
24.9227

■ 24.0483, 24.9483,
27.1111

■ 17.8614, 21.8239,
23.8855

■ 26.6724, 26.2783,
28.2638

■ 16.3243, 21.0520,
22.8854

■ 29.5943, 27.7612,
29.4563

■ 15.0294, 20.4045,
21.9216

■ 32.8232, 29.4019,
30.6892

■ 13.9633, 19.8743,
20.9933

■ 36.3682, 31.2048,
31.9633

■ 13.1107, 19.4537,
20.0995

■ 40.2376, 33.1745,
33.2789

■ 12.4549, 19.1340,
19.2393

■ 44.4399, 35.3152,
34.6367

■ 11.9763, 18.9051,
18.4116

■ 48.9830, 37.6309,
36.0373

■ 11.6369, 18.7474,
17.6143

■ 53.8744, 40.1256,
37.4811

Harmonies

Analogous

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



21.8069, 23.7652, 24.7262



21.7114, 23.7652, 25.9971



21.8481, 23.7652, 27.2773

Triad

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



21.7114, 23.7652, 25.9971



23.0722, 23.7652, 28.0788



22.9982, 23.7652, 23.6781

Complementary

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



21.7114, 23.7652, 25.9971



21.5113, 21.7150, 23.4808

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.



23.3446, 23.7652, 24.5240



21.7114, 23.7652, 25.9971



23.3877, 23.7652, 27.0614

Square

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



21.7114, 23.7652, 25.9971



22.6303, 23.7652, 28.5046



23.4881, 23.7652, 25.7558



22.5460, 23.7652, 23.4147

Rectangle

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



21.7114, 23.7652, 25.9971



22.0537, 23.7652, 27.9560



23.4881, 23.7652, 25.7558



23.1311, 23.7652, 23.9023

Sweetspot

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



21.7121, 23.7662, 25.9976



40.3856, 42.9554, 46.8467



21.4980, 23.7179, 23.1839



9.3659, 9.9546, 10.8554



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.



21.7121, 23.7662, 25.9976



37.5572, 41.5251, 45.4593



21.4592, 23.0348, 26.6090



5.1307, 5.6717, 6.2090



10.9373, 17.7075, 16.4924



0.0777, 0.1197, 0.1361

Inverse Universe

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



21.5113, 21.7150, 23.4808



37.1202, 37.0602, 39.9810



21.7483, 22.3979, 22.9159



5.0712, 5.0639, 5.4632



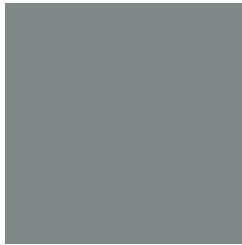
9.8024, 5.0311, 1.4639



0.0694, 0.0351, 0.0324

Previews

White Background



This preview shows how the XYZ color 21.7114, 23.7652, 25.9971 looks on a white background.

Color Contrast Check

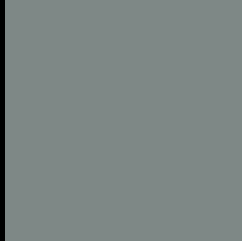
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7114, 23.7652, 25.9971 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

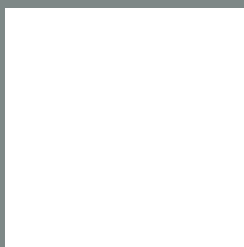
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7114, 23.7652, 25.9971

Background



This preview shows how black text looks on a background with the XYZ color 21.7114, 23.7652, 25.9971.



This preview shows how white text looks on a background with the XYZ color 21.7114, 23.7652,

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

21.7114, 23.7652, 25.9971

Protanopia

22.7057, 23.6752, 25.2029

Deuteranopia

24.0775, 23.5608, 26.2003



Tritanopia

22.5380, 23.6837, 30.1716

Trichromacy



Original Color

21.7114, 23.7652, 25.9971

Protanomaly

22.2745, 23.6492, 25.5811

Deuteranomaly

23.2719, 23.7408, 26.2775

Tritanomaly

22.2241, 23.7631, 28.6147

Monochromacy



Original Color

21.7114, 23.7652, 25.9971

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9647, 23.4895, 25.5666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7114, 23.7652, 25.9971 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, 136, 134) looks like.

```
.text, #text, p{  
    color:rgb(126, 136, 134)  
}
```

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, 136, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 136, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.7114, 23.7652, 25.9971 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, 136, 134) }
```


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

```
.border{ border-color:rgb(126, 136, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 136, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 136, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 136, 134);  
box-shadow:4px 4px 4px 4px rgb(126, 136,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7114, 23.7652, 25.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 136, 134) }
```

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

```
.background{ background-color: rgb(126,  
136, 134) }
```

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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