

Converting Colors

XYZ(21.5110, 23.3723, 26.1064)

Have a look what the booklet for
XYZ(21.5110, 23.3723, 26.1064)
contains.

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Color

**XYZ(21.5712, 23.4848,
25.9503)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8786
RGB	126, 135, 134
RGB Percent	49%, 53%, 53%
CMY	0.5059, 0.4706, 0.4745
CMYK	0.07, 0.00, 0.01, 0.47
HSL	173°, 4%, 51%
HSV	173°, 7%, 53%
XYZ	21.5712, 23.4848, 25.9503
YIQ	132.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

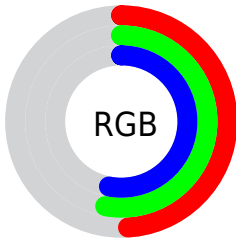
Format	Color
R_{YB}	126, 131, 135
Decimal	8292230
CIE Lab	55.57, -3.50, -0.61
CIE LCh	56, 3.549, 189.852
Yxy	23.4848, 0.3038, 0.3307
Android (android.graphics.Color)	4286482310 (0xFF7E8786)
YUV	132.1950, 0.8899, -5.4330
Hunter-Lab	48.4611, -5.3523, 2.1738

Details

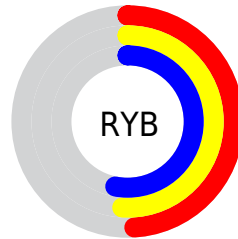
The XYZ color **21.5712, 23.4848, 25.9503** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2841, 21.6055, 23.1283**, and the grayscale version is **22.0012, 23.1470, 25.2071**.

A 20% lighter version of the original color is **45.5433, 49.1380, 54.0979**, and **7.9093, 8.7149, 9.6528** is the 20% darker color. If you saturate the color by 10%, you get **19.6094, 22.4861, 25.3155**, and if you desaturate by 10%, it is **23.8045, 24.6246, 26.6066**.

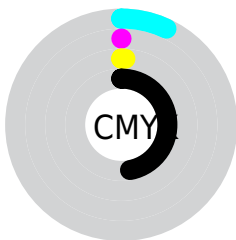
Distribution



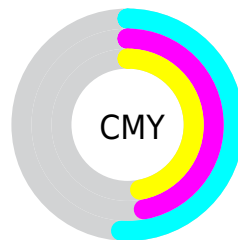
- Red (49%)
- Green (53%)
- Blue (53%)



- Red (49%)
- Yellow (51%)
- 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 21.5712, 23.4848, 25.9503 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 21.5712, 23.4848, 25.9503 by changing the saturation by 10% instead.

■ 21.5712, 23.4848,
25.9503

■ 21.5712, 23.4848,
25.9503

252.9734,
270.2053, 296.1357

■ 13.6570, 14.9519,
16.5610

■ 45.5204, 49.1882,
54.1779

■ 7.9626, 8.7856,
9.7634

■ 62.2861, 67.1274,
73.8532

■ 4.1226, 4.6016,
5.1388

■ 82.7331, 88.9708,
97.7944

■ 1.7717, 2.0155,
2.2688

107.2266,
115.1029, 126.4198

■ 0.5006, 0.6164,
0.7136

136.1320,
145.9080, 160.1482

■ 0.0000, 0.0000,
0.0000

169.8147,

181.7705, 199.3979

208.6400,
223.0748, 244.5876

■ 21.5712, 23.4848,
25.9503

■ 21.5712, 23.4848,
25.9503

■ 19.6094, 22.4861,
25.3155

■ 23.8045, 24.6246,
26.6066

■ 17.9064, 21.6201,
24.7000

■ 26.3175, 25.9077,
27.2833

■ 16.4515, 20.8817,
24.1039

■ 29.1202, 27.3400,
27.9814

■ 15.2324, 20.2647,
23.5265

■ 32.2220, 28.9263,
28.7014

■ 14.2358, 19.7623,
22.9672

■ 35.6314, 30.6710,
29.4437

■ 13.4470, 19.3669,
22.4252

■ 39.3568, 32.5784,
30.2087

■ 12.8498, 19.0700,
21.8998

■ 43.4063, 34.6528,
30.9968

■ 12.4251, 18.8620,
21.3900

■ 47.7876, 36.8980,
31.8085

■ 12.1396, 18.7254,
20.8942

■ 52.5083, 39.3180,
32.6441

Harmonies

Analogous

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



21.6062, 23.4848, 24.8186



21.5712, 23.4848, 25.9503



21.7354, 23.4848, 27.0109

Triad

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



21.5712, 23.4848, 25.9503



22.8189, 23.4848, 27.3023



22.5880, 23.4848, 23.5552

Complementary

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



21.5712, 23.4848, 25.9503



21.2841, 21.6055, 23.1283

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.



22.9182, 23.4848, 24.1831



21.5712, 23.4848, 25.9503



23.0526, 23.4848, 26.3384

Square

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



21.5712, 23.4848, 25.9503



22.4537, 23.4848, 27.8068



23.0892, 23.4848, 25.1953



22.1901, 23.4848, 23.4583

Rectangle

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



21.5712, 23.4848, 25.9503



21.9369, 23.4848, 27.5265



23.0892, 23.4848, 25.1953



22.7107, 23.4848, 23.7103

Sweetspot

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



21.5719, 23.4858, 25.9508



40.4164, 42.9677, 47.0089



21.1904, 23.3512, 23.1293



9.3726, 9.9573, 10.8904



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.



21.5719, 23.4858, 25.9508



38.0676, 41.7702, 46.2963



21.1684, 22.5664, 26.1629



4.7799, 5.2702, 5.8521



11.1166, 17.2295, 19.1315



0.0401, 0.0603, 0.0746

Inverse Universe

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



21.2841, 21.6055, 23.1283



37.4418, 37.6808, 40.1578



21.6680, 22.4773, 22.9355



4.6921, 4.6965, 4.9910



9.2962, 4.7828, 0.8660



0.0335, 0.0171, 0.0097

Previews

White Background



This preview shows how the XYZ color 21.5712, 23.4848, 25.9503 looks on a white background.

Color Contrast Check

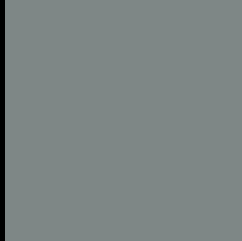
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5712, 23.4848, 25.9503 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

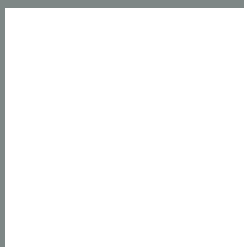
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5712, 23.4848, 25.9503

Background



This preview shows how black text looks on a background with the XYZ color 21.5712, 23.4848, 25.9503.



This preview shows how white text looks on a background with the XYZ color 21.5712, 23.4848,

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

21.5712, 23.4848, 25.9503

Protanopia

22.4078, 23.3194, 25.1499

Deuteranopia

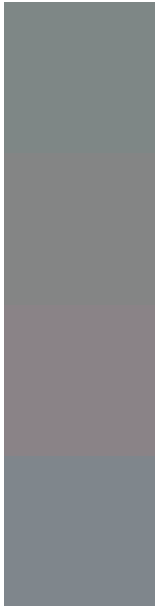
23.9005, 23.4695, 26.1921



Tritanopia

22.3237, 23.3779, 29.7214

Trichromacy



Original Color

21.5712, 23.4848, 25.9503

Protanomaly

22.1369, 23.3740, 25.5352

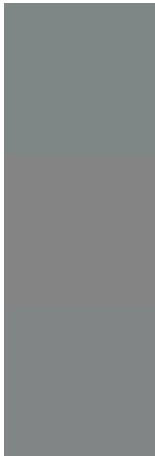
Deuteranomaly

22.9707, 23.3851, 26.2248

Tritanomaly

22.0111, 23.4557, 28.1782

Monochromacy



Original Color

21.5712, 23.4848, 25.9503

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.8271, 23.2143, 25.5207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5712, 23.4848, 25.9503 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, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(126, 135, 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, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 135, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.5712, 23.4848, 25.9503 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, 135, 134) }
```


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

```
.border{ border-color:rgb(126, 135, 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, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(126, 135,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5712, 23.4848, 25.9503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 135, 134) }
```

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

```
.background{ background-color: rgb(126,  
135, 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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