

Converting Colors

XYZ(21.4754, 24.1909, 26.1794)

Have a look what the booklet for
XYZ(21.4754, 24.1909, 26.1794)
contains.

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Color

**XYZ(21.5617, 24.3240,
26.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8B86
RGB	122, 139, 134
RGB Percent	48%, 55%, 53%
CMY	0.5216, 0.4549, 0.4745
CMYK	0.12, 0.00, 0.04, 0.45
HSL	162°, 7%, 51%
HSV	162°, 12%, 55%
XYZ	21.5617, 24.3240, 26.1128
YIQ	133.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

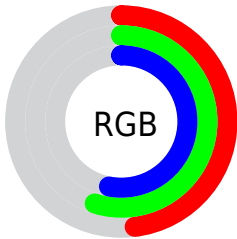
Format	Color
R_{YB}	122, 132, 139
Decimal	8031110
CIE Lab	56.41, -7.17, 0.59
CIE LCh	56, 7.197, 175.320
Yxy	24.3240, 0.2995, 0.3378
Android (android.graphics.Color)	4286221190 (0xFF7A8B86)
YUV	133.3470, 0.3219, -9.9513
Hunter-Lab	49.3194, -8.2713, 3.1317

Details

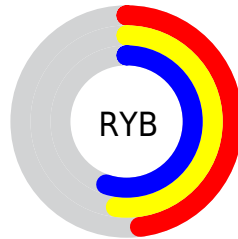
The XYZ color **21.5617, 24.3240, 26.1128** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4386, 20.9409, 22.9918**, and the grayscale version is **22.4224, 23.5901, 25.6897**.

A 20% lighter version of the original color is **45.4985, 50.4011, 54.3441**, and **7.9203, 9.2013, 9.7461** is the 20% darker color. If you saturate the color by 10%, you get **19.4530, 23.2699, 24.5542**, and if you desaturate by 10%, it is **23.9644, 25.5297, 27.7438**.

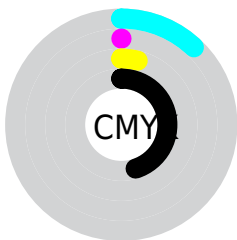
Distribution



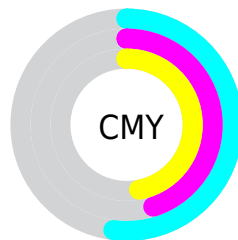
- Red (48%)
- Green (55%)
- Blue (53%)



- Red (48%)
- Yellow (52%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5617, 24.3240, 26.1128 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 21.5617, 24.3240, 26.1128 by changing the saturation by 10% instead.

■ 21.5617, 24.3240,
26.1128

■ 21.5617, 24.3240,
26.1128

252.9243,
274.4544, 296.9584

■ 13.6500, 15.5741,
16.6815

■ 45.5048, 50.5584,
54.4432

■ 7.9577, 9.2233,
9.8481

■ 62.2669, 68.8117,
74.1794

■ 4.1195, 4.8871,
5.1941

■ 82.7098, 91.0017,
98.1876

■ 1.7699, 2.1812,
2.3009

107.1989,
117.5126, 126.8864

■ 0.4995, 0.7097,
0.7317

136.0995,
148.7290, 160.6944

■ 0.0000, 0.0000,
0.0000

169.7771,

185.0352, 200.0300

208.5969,
226.8155, 245.3119

■ 21.5617, 24.3240,
26.1128

■ 21.5617, 24.3240,
26.1128

■ 19.4530, 23.2699,
24.5542

■ 23.9644, 25.5297,
27.7438

■ 17.6241, 22.3582,
23.0651

■ 26.6703, 26.8898,
29.4467

■ 16.0630, 21.5832,
21.6449

■ 29.6908, 28.4107,
31.2232

■ 14.7557, 20.9378,
20.2921

■ 33.0360, 30.0977,
33.0743

■ 13.6870, 20.4143,
19.0055

■ 36.7157, 31.9558,
35.0011

■ 12.8400, 20.0038,
17.7836

■ 40.7392, 33.9898,
37.0047

■ 12.1957, 19.6966,
16.6247

■ 45.1153, 36.2043,
39.0860

■ 11.7313, 19.4811,
15.5270

■ 49.8528, 38.6036,
41.2461

■ 11.4427, 19.3500,
14.7137

■ 54.9597, 41.1921,
43.4858

Harmonies

Analogous

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



21.8289, 24.3240, 23.9633



21.5617, 24.3240, 26.1128



21.7036, 24.3240, 28.4922

Triad

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



21.5617, 24.3240, 26.1128



23.8099, 24.3240, 30.8442



24.0412, 24.3240, 22.8941

Complementary

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



21.5617, 24.3240, 26.1128



21.4386, 20.9409, 22.9918

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.



24.5951, 24.3240, 24.5738



21.5617, 24.3240, 26.1128



24.4594, 24.3240, 29.1771

Square

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



21.5617, 24.3240, 26.1128



22.9890, 24.3240, 31.3167



24.7500, 24.3240, 26.8601



23.2499, 24.3240, 22.1772

Rectangle

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



21.5617, 24.3240, 26.1128



22.0129, 24.3240, 29.8766



24.7500, 24.3240, 26.8601



24.2620, 24.3240, 23.3597

Sweetspot

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



21.5624, 24.3250, 26.1133



42.0754, 45.2961, 49.1305



21.5135, 24.3911, 21.9868



9.6246, 10.4019, 11.2740



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5624, 24.3250, 26.1133



37.3887, 42.9470, 45.8847



21.4349, 23.4984, 27.8332



5.1112, 5.6640, 6.1065



10.3348, 17.4665, 13.3197



0.0751, 0.1186, 0.1223

Inverse Universe

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



21.4386, 20.9409, 22.9918



37.1168, 35.5100, 39.0255



21.5454, 21.6635, 21.4586



5.0895, 5.0712, 5.5597



9.9762, 5.1006, 2.3792



0.0721, 0.0362, 0.0463

Previews

White Background



This preview shows how the XYZ color 21.5617, 24.3240, 26.1128 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 21.5617, 24.3240, 26.1128 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

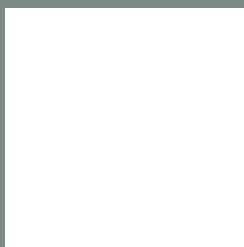
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5617, 24.3240, 26.1128

Background



This preview shows how black text looks on a background with the XYZ color 21.5617, 24.3240, 26.1128.



This preview shows how white text looks on a background with the XYZ color 21.5617, 24.3240,

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

21.5617, 24.3240, 26.1128

Protanopia

23.1031, 24.0922, 24.9053

Deuteranopia

24.7730, 24.3061, 26.6784



Tritanopia

22.6031, 24.3145, 31.5188

Trichromacy



Original Color

21.5617, 24.3240, 26.1128

Protanomaly

22.4847, 24.1798, 25.3119

Deuteranomaly

23.5457, 24.2884, 26.3688

Tritanomaly

22.2148, 24.3711, 29.5198

Monochromacy



Original Color

21.5617, 24.3240, 26.1128

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9509, 23.6885, 25.6057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5617, 24.3240, 26.1128 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(122, 139, 134)` looks like.

```
.text, #text, p{  
    color:rgb(122, 139, 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(122, 139, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 139, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.5617, 24.3240, 26.1128 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(122, 139, 134) }
```


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

```
.border{ border-color:rgb(122, 139, 134) }
```

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

Here you see how a box with a 4 pixel rgb(122, 139, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 139, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 139, 134);  
box-shadow:4px 4px 4px 4px rgb(122, 139,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5617, 24.3240, 26.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 139, 134) }
```

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

```
.background{ background-color: rgb(122,  
139, 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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