

Converting Colors

XYZ(19.8510, 21.5234, 26.3265)

Have a look what the booklet for
XYZ(19.8510, 21.5234, 26.3265)
contains.

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Color

**XYZ(19.8978, 21.5944,
26.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	768288
RGB	118, 130, 136
RGB Percent	46%, 51%, 53%
CMY	0.5372, 0.4902, 0.4667
CMYK	0.13, 0.04, 0.00, 0.47
HSL	200°, 7%, 50%
HSV	200°, 13%, 53%
XYZ	19.8978, 21.5944, 26.4120
YIQ	127.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

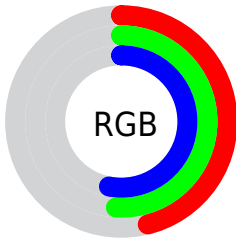
Format	Color
R_{YB}	118, 125, 136
Decimal	7766664
CIE _{Lab}	53.59, -3.09, -4.74
CIE _{LCh}	54, 5.658, 236.942
Y _{xy}	21.5944, 0.2930, 0.3180
Android (android.graphics.Color)	4285956744 (0xFF768288)
Y _{UV}	127.0960, 4.3897, -7.9772
Hunter-Lab	46.4698, -4.8905, -1.1698

Details

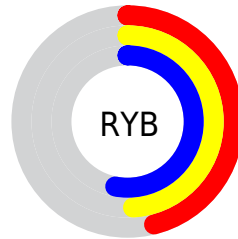
The XYZ color **19.8978, 21.5944, 26.4120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.6312, 20.9575, 20.0978**, and the grayscale version is **20.1939, 21.2456, 23.1364**.

A 20% lighter version of the original color is **42.6964, 46.0871, 54.7895**, and **7.1479, 7.8588, 9.9443** is the 20% darker color. If you saturate the color by 10%, you get **17.5930, 19.5315, 26.1356**, and if you desaturate by 10%, it is **22.4967, 23.8495, 26.7106**.

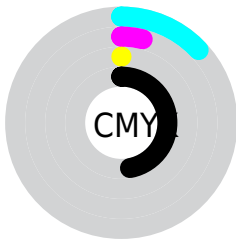
Distribution



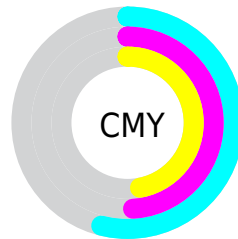
- Red (46%)
- Green (51%)
- Blue (53%)



- Red (46%)
- Yellow (49%)
- Blue (53%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8978, 21.5944, 26.4120 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 19.8978, 21.5944, 26.4120 by changing the saturation by 10% instead.

■ 19.8978, 21.5944,
26.4120

■ 19.8978, 21.5944,
26.4120

244.2054,
260.4208, 298.4683

■ 12.4286, 13.5592,
16.9036

■ 42.7510, 46.0747,
54.9311

■ 7.1106, 7.8147,
10.0045

■ 58.8658, 63.2886,
74.7788

■ 3.5783, 3.9766,
5.2963

■ 78.5931, 84.3308,
98.9101

■ 1.4664, 1.6605,
2.3604

102.2983,
109.5857, 127.7435

■ 0.3028, 0.3979,
0.7648

130.3468,
139.4378, 161.6974

■ 0.0000, 0.0000,
0.0000

163.1039,

174.2714, 201.1905

200.9350,
214.4709, 246.6413

■ 19.8978, 21.5944,
26.4120

■ 19.8978, 21.5944,
26.4120

■ 17.5930, 19.5315,
26.1356

■ 22.4967, 23.8495,
26.7106

■ 15.5688, 17.6516,
25.8795

■ 25.3989, 26.3003,
27.0307

■ 13.8132, 15.9486,
25.6433

■ 28.6154, 28.9535,
27.3733

■ 12.3129, 14.4150,
25.4264

■ 32.1560, 31.8147,
27.7390

■ 11.0530, 13.0428,
25.2279

■ 36.0303, 34.8892,
28.1282

10.0171, 11.8229,
25.0470

40.2472, 38.1822,
28.5416

9.1866, 10.7451,
24.8828

44.8155, 41.6985,
28.9795

8.5394, 9.7975,
24.7340

49.7435, 45.4430,
29.4425

8.1579, 9.2054,
24.6398

55.0394, 49.4202,
29.9311

Harmonies

Analogous

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



19.5068, 21.5944, 25.0521



19.8978, 21.5944, 26.4120



20.4629, 21.5944, 26.9929

Triad

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



19.8978, 21.5944, 26.4120



21.7066, 21.5944, 23.6905



20.0031, 21.5944, 20.6704

Complementary

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



19.8978, 21.5944, 26.4120



20.6312, 20.9575, 20.0978

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.



20.5868, 21.5944, 20.3451



19.8978, 21.5944, 26.4120



21.5777, 21.5944, 22.0375

Square

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



19.8978, 21.5944, 26.4120



21.5137, 21.5944, 25.3741



21.1649, 21.5944, 20.8336



19.5667, 21.5944, 21.7445

Rectangle

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



19.8978, 21.5944, 26.4120



20.8651, 21.5944, 26.8401



21.1649, 21.5944, 20.8336



20.1882, 21.5944, 20.4722

Sweetspot

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



19.8984, 21.5953, 26.4125



39.2346, 41.6775, 47.0250



19.8949, 22.9079, 22.3430



9.0110, 9.5874, 10.8820



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.



19.8984, 21.5953, 26.4125



33.7476, 36.8894, 46.3900



18.7895, 19.3773, 26.0428



5.0348, 5.4125, 6.3852



7.7298, 8.7299, 23.3233



0.0649, 0.0850, 0.1594

Inverse Universe

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



20.6616, 19.8033, 23.8536



35.3867, 33.1149, 40.8773



21.7703, 23.2357, 20.4775



5.1642, 5.1011, 5.9530



11.3885, 5.6655, 9.8159



0.0825, 0.0404, 0.1011

Previews

White Background



This preview shows how the XYZ color 19.8978, 21.5944, 26.4120 looks on a white background.

Color Contrast Check

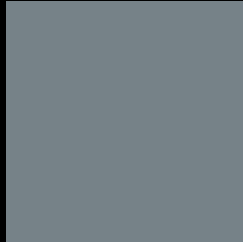
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8978, 21.5944, 26.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

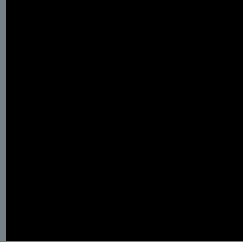
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

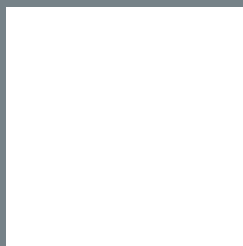
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8978, 21.5944, 26.4120

Background



This preview shows how black text looks on a background with the XYZ color 19.8978, 21.5944, 26.4120.



This preview shows how white text looks on a background with the XYZ color 19.8978, 21.5944,

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

19.8978, 21.5944, 26.4120

Protanopia

20.7945, 21.4892, 25.6061

Deuteranopia

21.8764, 21.4557, 26.6553



Tritanopia

20.1916, 21.5159, 27.8997

Trichromacy



Original Color

19.8978, 21.5944, 26.4120

Protanomaly

20.4045, 21.4727, 25.9909

Deuteranomaly

21.0295, 21.3950, 26.6882

Tritanomaly

20.1182, 21.4865, 27.5131

Monochromacy



Original Color

19.8978, 21.5944, 26.4120

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0606, 21.3351, 24.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8978, 21.5944, 26.4120 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(118, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(118, 130, 136)  
}
```

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(118, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 130, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.8978, 21.5944, 26.4120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

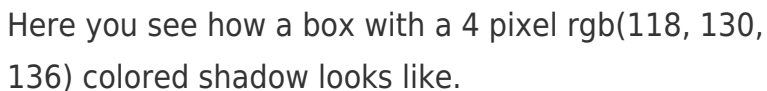
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 130, 136) }
```


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

```
.border{ border-color:rgb(118, 130, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 130, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 130, 136); box-shadow:4px 4px 4px 4px rgb(118, 130, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8978, 21.5944, 26.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 130, 136) }
```

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

```
.background{ background-color: rgb(118,  
130, 136) }
```

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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