

Converting Colors

XYZ(19.8781, 21.3786, 26.4807)

Have a look what the booklet for
XYZ(19.8781, 21.3786, 26.4807)
contains.

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Color

**XYZ(19.9019, 21.4000,
26.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	778188
RGB	119, 129, 136
RGB Percent	47%, 51%, 53%
CMY	0.5333, 0.4941, 0.4667
CMYK	0.12, 0.05, 0.00, 0.47
HSL	205°, 7%, 50%
HSV	205°, 12%, 53%
XYZ	19.9019, 21.4000, 26.3742
YIQ	126.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

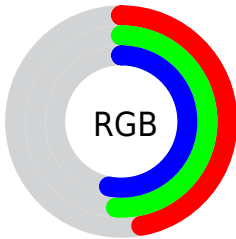
Format	Color
R_{YB}	119, 125, 136
Decimal	7831944
CIE _{Lab}	53.38, -2.16, -5.04
CIE _{LCh}	53, 5.488, 246.787
Yxy	21.4000, 0.2941, 0.3162
Android (android.graphics.Color)	4286022024 (0xFF778188)
YUV	126.8080, 4.5317, -6.8476
Hunter-Lab	46.2601, -4.1615, -1.4208

Details

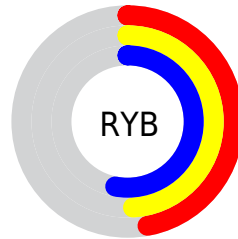
The XYZ color **19.9019, 21.4000, 26.3742** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9440, 21.4877, 20.4968**, and the grayscale version is **20.0944, 21.1409, 23.0224**.

A 20% lighter version of the original color is **42.7078, 45.7879, 54.7311**, and **7.0742, 7.7113, 9.9197** is the 20% darker color. If you saturate the color by 10%, you get **17.4501, 19.0717, 26.0543**, and if you desaturate by 10%, it is **22.6624, 23.9486, 26.7210**.

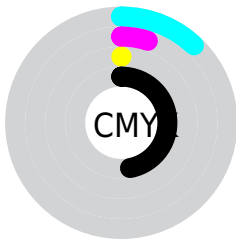
Distribution



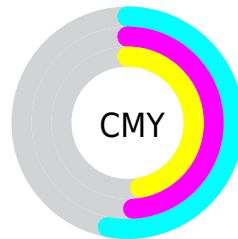
- Red (47%)
- Green (51%)
- Blue (53%)



- Red (47%)
- Yellow (49%)
- Blue (53%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9019, 21.4000, 26.3742 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 19.9019, 21.4000, 26.3742 by changing the saturation by 10% instead.

■ 19.9019, 21.4000,
26.3742

■ 19.9019, 21.4000,
26.3742

244.2272,
259.3967, 298.2779

■ 12.4316, 13.4167,
16.8755

■ 42.7578, 45.7523,
54.8695

■ 7.1126, 7.7161,
9.9848

■ 58.8742, 62.8901,
74.7032

■ 3.5796, 3.9138,
5.2834

■ 78.6033, 83.8482,
98.8189

■ 1.4672, 1.6255,
2.3528

102.3105,
109.0109, 127.6353

■ 0.3033, 0.3747,
0.7606

130.3611,
138.7628, 161.5709

■ 0.0000, 0.0000,
0.0000

163.1206,

173.4881, 201.0441

200.9541,
213.5713, 246.4736

■ 19.9019, 21.4000,
26.3742

■ 19.9019, 21.4000,
26.3742

■ 17.4501, 19.0717,
26.0543

■ 22.6624, 23.9486,
26.7210

■ 15.2934, 16.9539,
25.7592

■ 25.7412, 26.7217,
27.0940

■ 13.4195, 15.0400,
25.4886

■ 29.1493, 29.7263,
27.4943

■ 11.8147, 13.3219,
25.2416

■ 32.8970, 32.9688,
27.9226

■ 10.4640, 11.7909,
25.0172

■ 36.9940, 36.4548,
28.3796

■ 9.3508, 10.4373,
24.8146

■ 41.4495, 40.1902,
28.8657

■ 8.4564, 9.2503,
24.6327

■ 46.2725, 44.1803,
29.3817

■ 7.7588, 8.2176,
24.4701

■ 51.4716, 48.4303,
29.9280

■ 7.3139, 7.5173,
24.3584

■ 57.0551, 52.9454,
30.5052

Harmonies

Analogous

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



19.4564, 21.4000, 25.2746



19.9019, 21.4000, 26.3742



20.4727, 21.4000, 26.6326

Triad

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



19.9019, 21.4000, 26.3742



21.4723, 21.4000, 22.9240



19.6769, 21.4000, 20.8259

Complementary

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



19.9019, 21.4000, 26.3742



20.9440, 21.4877, 20.4968

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.



20.2080, 21.4000, 20.2595



19.9019, 21.4000, 26.3742



21.2501, 21.4000, 21.4328

Square

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



19.9019, 21.4000, 26.3742



21.3866, 21.4000, 24.5879



20.7846, 21.4000, 20.4762



19.3282, 21.4000, 22.0597

Rectangle

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



19.9019, 21.4000, 26.3742



20.8489, 21.4000, 26.2825



20.7846, 21.4000, 20.4762



19.8396, 21.4000, 20.5539

Sweetspot

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



19.9025, 21.4009, 26.3747



39.1285, 41.4653, 46.9897



20.1652, 23.0318, 23.0541



8.9825, 9.5303, 10.8724



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.



19.9025, 21.4009, 26.3747



33.7985, 36.5159, 46.3153



18.8530, 19.3018, 26.0248



5.0031, 5.3491, 6.3746



6.9315, 7.1334, 23.0572



0.0605, 0.0763, 0.1580

Inverse Universe

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



20.7131, 20.0133, 23.5411



35.5284, 33.6157, 40.2541



22.0501, 23.6997, 20.8654



5.1482, 5.0947, 5.8687



10.9855, 5.5043, 7.6941



0.0803, 0.0395, 0.0896

Previews

White Background



This preview shows how the XYZ color 19.9019, 21.4000, 26.3742 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 19.9019, 21.4000, 26.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

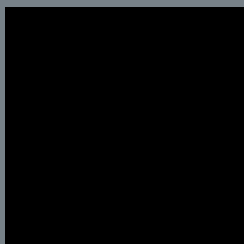
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

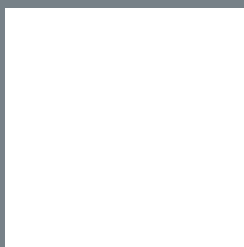
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9019, 21.4000, 26.3742

Background



This preview shows how black text looks on a background with the XYZ color 19.9019, 21.4000, 26.3742.



This preview shows how white text looks on a background with the XYZ color 19.9019, 21.4000,

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

19.9019, 21.4000, 26.3742

Protanopia

20.8646, 21.5172, 25.9752

Deuteranopia

21.7147, 21.3723, 26.6477



Tritanopia

20.1182, 21.4865, 27.5131

Trichromacy



Original Color

19.9019, 21.4000, 26.3742

Protanomaly

20.5498, 21.5476, 25.9977

Deuteranomaly

21.0295, 21.3950, 26.6882

Tritanomaly

20.0455, 21.4574, 27.1299

Monochromacy



Original Color

19.9019, 21.4000, 26.3742

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 19.9019, 21.4000, 26.3742 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(119, 129, 136)` looks like.

```
.text, #text, p{  
    color:rgb(119, 129, 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(119, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 129, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.9019, 21.4000, 26.3742 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(119, 129, 136) }
```


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

```
.border{ border-color:rgb(119, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(119, 129,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9019, 21.4000, 26.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 129, 136) }
```

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

```
.background{ background-color: rgb(119,  
129, 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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