

Converting Colors

XYZ(19.5199, 21.5757, 26.6080)

Have a look what the booklet for
XYZ(19.5199, 21.5757, 26.6080)
contains.

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Color

**XYZ(19.4997, 21.5876,
26.4316)**

Conversions

Conversions Part 1

Format	Color
Hex	728388
RGB	114, 131, 136
RGB Percent	45%, 51%, 53%
CMY	0.5529, 0.4863, 0.4667
CMYK	0.16, 0.04, 0.00, 0.47
HSL	194°, 9%, 49%
HSV	194°, 16%, 53%
XYZ	19.4997, 21.5876, 26.4316
YIQ	126.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

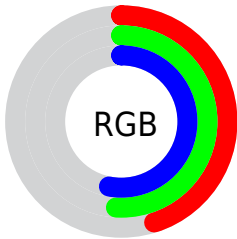
Format	Color
R_{YB}	114, 124, 136
Decimal	7504776
CIE _{Lab}	53.59, -5.05, -4.79
CIE _{LCh}	54, 6.956, 223.470
Yxy	21.5876, 0.2888, 0.3197
Android (android.graphics.Color)	4285694856 (0xFF728388)
YUV	126.4870, 4.6899, -10.9511
Hunter-Lab	46.4625, -6.3951, -1.2052

Details

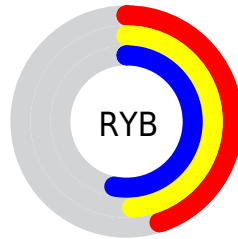
The XYZ color **19.4997, 21.5876, 26.4316** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7876, 19.6428, 18.6686**, and the grayscale version is **19.9850, 21.0258, 22.8971**.

A 20% lighter version of the original color is **42.0517, 46.0621, 54.8186**, and **6.9438, 7.8647, 9.9562** is the 20% darker color. If you saturate the color by 10%, you get **17.4519, 19.9256, 26.2191**, and if you desaturate by 10%, it is **21.8242, 23.4118, 26.6615**.

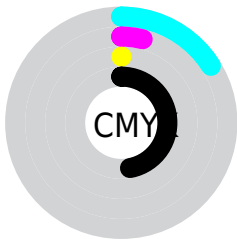
Distribution



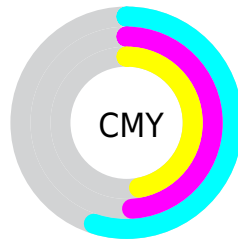
- Red (45%)
- Green (51%)
- Blue (53%)



- Red (45%)
- Yellow (49%)
- Blue (53%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4997, 21.5876, 26.4316 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 19.4997, 21.5876, 26.4316 by changing the saturation by 10% instead.

■ 19.4997, 21.5876,
26.4316

■ 19.4997, 21.5876,
26.4316

242.0792,
260.3850, 298.5670

■ 12.1380, 13.5542,
16.9181

■ 42.0872, 46.0634,
54.9630

■ 6.9106, 7.8113,
10.0148

■ 58.0437, 63.2747,
74.8181

■ 3.4521, 3.9744,
5.3030

■ 77.5959, 84.3139,
98.9574

■ 1.3971, 1.6593,
2.3643

■ 101.1091,
109.5657, 127.7995

■ 0.2542, 0.3971,
0.7669

128.9486,
139.4142, 161.7630

■ 0.0000, 0.0000,
0.0000

161.4800,

174.2440, 201.2664

199.0683,
214.4395, 246.7282

■ 19.4997, 21.5876,
26.4316

■ 19.4997, 21.5876,
26.4316

■ 17.4519, 19.9256,
26.2191

■ 21.8242, 23.4118,
26.6615

■ 15.6672, 18.4168,
26.0219

■ 24.4345, 25.4013,
26.9080

■ 14.1338, 17.0557,
25.8400

■ 27.3415, 27.5624,
27.1719

■ 12.8380, 15.8349,
25.6727

■ 30.5551, 29.9004,
27.4538

■ 11.7649, 14.7467,
25.5192

■ 34.0846, 32.4203,
27.7542

■ 10.8977, 13.7822,
25.3787

■ 37.9389, 35.1268,
28.0734

■ 10.2174, 12.9314,
25.2504

■ 42.1267, 38.0244,
28.4120

■ 9.6925, 12.1780,
25.1326

■ 46.6563, 41.1176,
28.7703

■ 9.5061, 11.9017,
25.0891

■ 51.5355, 44.4107,
29.1488

Harmonies

Analogous

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



19.1612, 21.5876, 24.4705



19.4997, 21.5876, 26.4316



20.1149, 21.5876, 27.6465

Triad

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



19.4997, 21.5876, 26.4316



21.9176, 21.5876, 24.6877



20.1876, 21.5876, 19.7493

Complementary

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



19.4997, 21.5876, 26.4316



19.7876, 19.6428, 18.6686

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.



20.9272, 21.5876, 19.7997



19.4997, 21.5876, 26.4316



21.9382, 21.5876, 22.5657

Square

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



19.4997, 21.5876, 26.4316



21.5162, 21.5876, 26.5989



21.5719, 21.5876, 20.8032



19.5518, 21.5876, 20.6613

Rectangle

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



19.4997, 21.5876, 26.4316



20.6049, 21.5876, 27.8268



21.5719, 21.5876, 20.8032



20.4321, 21.5876, 19.6560

Sweetspot

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



19.5003, 21.5885, 26.4321



38.9268, 41.6180, 47.0298



19.0598, 22.5124, 20.7206



8.9529, 9.5904, 10.8856



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.



19.5003, 21.5885, 26.4321



33.1445, 37.0660, 46.4559



18.1284, 18.8446, 25.9748



5.0781, 5.4992, 6.3996



9.0042, 11.2788, 23.7481



0.0707, 0.0967, 0.1614

Inverse Universe

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



20.2679, 18.9081, 24.0551



34.7447, 31.5656, 41.4809



21.1426, 22.3528, 19.1203



5.1861, 5.1099, 6.0682



12.0317, 5.9228, 13.2033



0.0854, 0.0415, 0.1167

Previews

White Background



This preview shows how the XYZ color 19.4997, 21.5876, 26.4316 looks on a white background.

Color Contrast Check

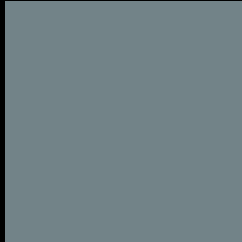
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4997, 21.5876, 26.4316 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

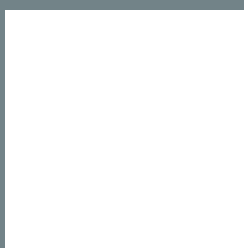
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4997, 21.5876, 26.4316

Background



This preview shows how black text looks on a background with the XYZ color 19.4997, 21.5876, 26.4316.



This preview shows how white text looks on a background with the XYZ color 19.4997, 21.5876,

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

19.4997, 21.5876, 26.4316

Protanopia

20.7945, 21.4892, 25.6061

Deuteranopia

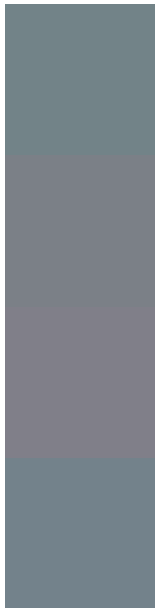
21.8764, 21.4557, 26.6553



Tritanopia

19.8606, 21.5332, 28.3089

Trichromacy



Original Color

19.4997, 21.5876, 26.4316

Protanomaly

20.2607, 21.3986, 25.9842

Deuteranomaly

21.0068, 21.5741, 26.7239

Tritanomaly

19.7131, 21.4742, 27.5320

Monochromacy



Original Color

19.4997, 21.5876, 26.4316

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.7745, 21.1876, 24.1665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4997, 21.5876, 26.4316 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(114, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(114, 131, 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(114, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.4997, 21.5876, 26.4316 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(114, 131, 136) }
```


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

```
.border{ border-color:rgb(114, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(114, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4997, 21.5876, 26.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 131, 136) }
```

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

```
.background{ background-color: rgb(114,  
131, 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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