

Converting Colors

XYZ(21.5782, 19.6491, 26.8631)

Have a look what the booklet for
XYZ(21.5782, 19.6491, 26.8631)
contains.

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Color

**XYZ(21.5334, 19.6719,
26.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	8C738A
RGB	140, 115, 138
RGB Percent	55%, 45%, 54%
CMY	0.4510, 0.5490, 0.4588
CMYK	0.00, 0.18, 0.01, 0.45
HSL	305°, 10%, 50%
HSV	305°, 18%, 55%
XYZ	21.5334, 19.6719, 26.7069
YIQ	125.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

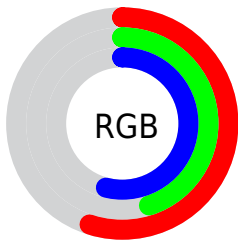
Format	Color
R_{YB}	140, 115, 138
Decimal	9204618
CIE _{Lab}	51.46, 14.02, -8.88
CIE _{LCh}	51, 16.590, 327.651
Yxy	19.6719, 0.3171, 0.2897
Android (android.graphics.Color)	4287394698 (0xFF8C738A)
YUV	125.0970, 6.3612, 13.0699
Hunter-Lab	44.3530, 9.0440, -4.6540

Details

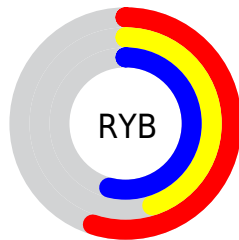
The XYZ color **21.5334, 19.6719, 26.7069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6600, 23.6859, 20.3663**, and the grayscale version is **19.5036, 20.5193, 22.3455**.

A 20% lighter version of the original color is **45.4708, 42.8684, 55.1681**, and **7.9851, 6.8925, 10.1421** is the 20% darker color. If you saturate the color by 10%, you get **19.9762, 16.6862, 25.7900**, and if you desaturate by 10%, it is **23.3351, 23.1446, 27.7099**.

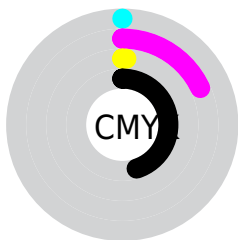
Distribution



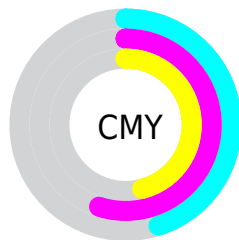
- Red (55%)
- Green (45%)
- Blue (54%)



- Red (55%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5334, 19.6719, 26.7069 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 21.5334, 19.6719, 26.7069 by changing the saturation by 10% instead.

■ 21.5334, 19.6719,
26.7069

■ 21.5334, 19.6719,
26.7069

252.7782,
250.1333, 299.9503

■ 13.6291, 12.1568,
17.1227

■ 45.4582, 42.8664,
55.4112

■ 7.9431, 6.8505,
10.1591

■ 62.2095, 59.3146,
75.3684

■ 4.1101, 3.3688,
5.3976

■ 82.6404, 79.5092,
99.6203

■ 1.7646, 1.3272,
2.4196

■ 107.1164,
103.8347, 128.5856

■ 0.4962, 0.1621,
0.7971

136.0029,
132.6755, 162.6827

■ 0.0000, 0.0000,
0.0000

169.6651,

166.4159, 202.3301

208.4684,
205.4404, 247.9465

■ 21.5334, 19.6719,
26.7069

■ 21.5334, 19.6719,
26.7069

■ 19.9762, 16.6862,
25.7900

■ 23.3351, 23.1446,
27.7099

■ 18.6507, 14.1632,
24.9542

■ 25.3898, 27.1221,
28.8012

■ 17.5460, 12.0802,
24.1961

■ 27.7076, 31.6246,
29.9843

■ 16.6492, 10.4116,
23.5113

■ 30.2977, 36.6702,
31.2623

■ 15.9462, 9.1294,
22.8953

■ 33.1688, 42.2765,
32.6382

■ 15.4212, 8.2019,
22.3427

■ 36.3291, 48.4599,
34.1147

■ 15.0559, 7.5925,
21.8473

■ 39.7866, 55.2364,
35.6944

■ 14.8130, 7.2267,
21.3968

■ 43.5490, 62.6213,
37.3800

■ 14.7645, 7.1552,
21.3019

■ 47.6237, 70.6293,
39.1739

Harmonies

Analogous

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



20.2224, 19.6719, 30.6062



21.5334, 19.6719, 26.7069



22.0807, 19.6719, 21.7971

Triad

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



21.5334, 19.6719, 26.7069



18.8290, 19.6719, 13.5052



16.0038, 19.6719, 25.9604

Complementary

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



21.5334, 19.6719, 26.7069



19.6600, 23.6859, 20.3663

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.



15.6789, 19.6719, 21.0460



21.5334, 19.6719, 26.7069



17.2514, 19.6719, 14.2837

Square

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



21.5334, 19.6719, 26.7069



20.4626, 19.6719, 14.5723



16.1223, 19.6719, 16.8803



17.0370, 19.6719, 30.1322

Rectangle

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



21.5334, 19.6719, 26.7069



21.9158, 19.6719, 18.7588



16.1223, 19.6719, 16.8803



15.8109, 19.6719, 24.3203

Sweetspot

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



21.5340, 19.6728, 26.7073



42.0913, 42.6425, 49.3666



18.1566, 17.9148, 27.3122



9.6487, 9.7289, 11.3483



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.



21.5340, 19.6728, 26.7073



36.9314, 32.6983, 46.4886



20.7018, 19.3399, 22.3250



5.2169, 5.1222, 6.2306



13.1221, 6.3590, 18.9451



0.0895, 0.0432, 0.1384

Inverse Universe

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



21.5340, 19.6728, 26.7073



36.9314, 32.6983, 46.4886



20.4226, 23.9910, 24.3820



5.2169, 5.1222, 6.2306



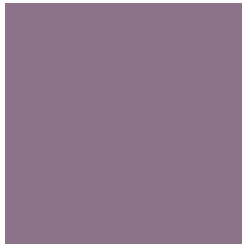
13.1221, 6.3590, 18.9451



0.0895, 0.0432, 0.1384

Previews

White Background



This preview shows how the XYZ color 21.5334, 19.6719, 26.7069 looks on a white background.

Color Contrast Check

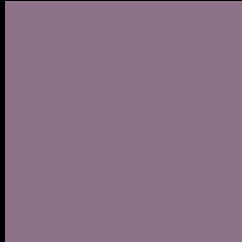
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5334, 19.6719, 26.7069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

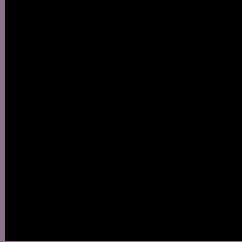
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5334, 19.6719, 26.7069

Background



This preview shows how black text looks on a background with the XYZ color 21.5334, 19.6719, 26.7069.



This preview shows how white text looks on a background with the XYZ color 21.5334, 19.6719,

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

21.5334, 19.6719, 26.7069

Protanopia

19.4498, 19.7940, 28.3867

Deuteranopia

20.1339, 19.8283, 26.4330



Tritanopia

20.6084, 19.6322, 22.4419

Trichromacy



Original Color

21.5334, 19.6719, 26.7069

Protanomaly

20.1569, 19.6288, 27.9256

Deuteranomaly

20.5095, 19.6685, 26.3824

Tritanomaly

20.9221, 19.5915, 23.7979

Monochromacy



Original Color

21.5334, 19.6719, 26.7069

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.0726, 20.0323, 23.9278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5334, 19.6719, 26.7069 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(140, 115, 138)` looks like.

```
.text, #text, p{  
    color:rgb(140, 115, 138)  
}
```

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(140, 115, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 115, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.5334, 19.6719, 26.7069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

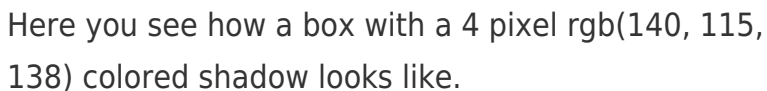
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 115, 138) }
```


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

```
.border{ border-color:rgb(140, 115, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 115, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 115, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 115, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 115,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5334, 19.6719, 26.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 115, 138) }
```

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

```
.background{ background-color: rgb(140,  
115, 138) }
```

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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