

Converting Colors

XYZ(21.2385, 17.6170, 31.6152)

Have a look what the booklet for
XYZ(21.2385, 17.6170, 31.6152)
contains.

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Color

**XYZ(21.1837, 17.6240,
31.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6897
RGB	139, 104, 151
RGB Percent	55%, 41%, 59%
CMY	0.4549, 0.5921, 0.4078
CMYK	0.08, 0.31, 0.00, 0.41
HSL	285°, 18%, 50%
HSV	285°, 31%, 59%
XYZ	21.1837, 17.6240, 31.5634
YIQ	119.8230, 5.7730, 22.0370

Conversions

Conversions Part 2

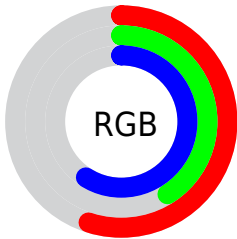
Format	Color
R_{YB}	139, 104, 151
Decimal	9136279
CIE _{Lab}	49.04, 22.82, -20.23
CIE _{LCh}	49, 30.496, 318.439
Yxy	17.6240, 0.3010, 0.2504
Android (android.graphics.Color)	4287326359 (0xFF8B6897)
YUV	119.8230, 15.3703, 16.8182
Hunter-Lab	41.9809, 16.6049, -15.1906

Details

The XYZ color **21.1837, 17.6240, 31.5634** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.7684, 26.8461, 17.1848**, and the grayscale version is **17.7478, 18.6721, 20.3339**.

A 20% lighter version of the original color is **44.9002, 39.5222, 63.0196**, and **7.7389, 5.8232, 12.7727** is the 20% darker color. If you saturate the color by 10%, you get **19.1655, 14.5261, 31.0721**, and if you desaturate by 10%, it is **23.4980, 21.2795, 32.1473**.

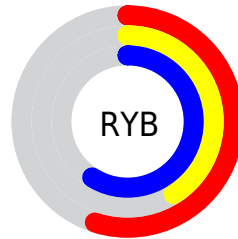
Distribution



Red (55%)

Green (41%)

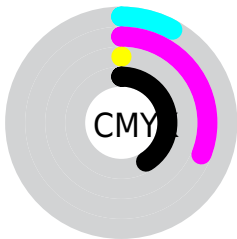
Blue (59%)



Red (55%)

Yellow (41%)

Blue (59%)

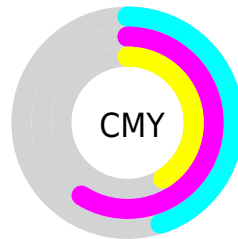


Cyan (8%)

Magenta (31%)

Yellow (0%)

Black (41%)



Cyan (45%)

Magenta (59%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1837, 17.6240, 31.5634 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 21.1837, 17.6240, 31.5634 by changing the saturation by 10% instead.

■ 21.1837, 17.6240,
31.5634

■ 21.1837, 17.6240,
31.5634

250.9664,
238.7431, 323.5568

■ 13.3716, 10.6804,
20.7662

■ 44.8820, 39.3956,
63.2159

■ 7.7637, 5.8523,
12.7636

■ 61.4990, 54.9923,
84.9084

■ 3.9946, 2.7555,
7.1372

■ 81.7815, 74.2422,
111.0696

■ 1.6991, 1.0055,
3.4683

■ 106.0951, 97.5297,
142.1181

■ 0.4557, 0.0000,
1.3384

134.8050,
125.2391, 178.4726

■ 0.0000, 0.0000,
0.0930

168.2766,

■ 0.0000, 0.0000,

157.7549, 220.5515

0.0000

206.8753,
195.4614, 268.7734

■ 21.1837, 17.6240,
31.5634

■ 21.1837, 17.6240,
31.5634

■ 19.1655, 14.5261,
31.0721

■ 23.4980, 21.2795,
32.1473

■ 17.4268, 11.9542,
30.6673

■ 26.1202, 25.5173,
32.8270

■ 15.9521, 9.8774,
30.3442

■ 29.0638, 30.3634,
33.6073

■ 14.7235, 8.2602,
30.0968

■ 32.3408, 35.8415,
34.4920

■ 13.7208, 7.0623,
29.9184

■ 35.9625, 41.9741,
35.4848

■ 12.9202, 6.2367,
29.8012

■ 39.9398, 48.7826,
36.5893

■ 12.3251, 5.7085,
29.7307

■ 44.2830, 56.2872,
37.8089

■ 49.0020, 64.5074,
39.1469

■ 54.1064, 73.4621,
40.6063

Harmonies

Analogous

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



18.5404, 17.6240, 38.2043



21.1837, 17.6240, 31.5634



22.6982, 17.6240, 22.5015

Triad

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



21.1837, 17.6240, 31.5634



17.8708, 17.6240, 7.5745



12.0817, 17.6240, 24.5799

Complementary

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



21.1837, 17.6240, 31.5634



20.7684, 26.8461, 17.1848

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.



11.9457, 17.6240, 16.2196



21.1837, 17.6240, 31.5634



15.0808, 17.6240, 7.8391

Square

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



21.1837, 17.6240, 31.5634



20.6460, 17.6240, 9.6967



12.9844, 17.6240, 10.5639



13.3797, 17.6240, 33.4505

Rectangle

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



21.1837, 17.6240, 31.5634



22.7616, 17.6240, 16.9823



12.9844, 17.6240, 10.5639



11.9044, 17.6240, 21.5802

Sweetspot

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



21.1843, 17.6248, 31.5638



47.7567, 47.2983, 59.0461



17.6026, 17.7923, 31.7849



10.6988, 10.4956, 13.3795



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.1843, 17.6248, 31.5638



35.4884, 27.7833, 55.9259



22.4494, 18.3751, 27.1878



6.3072, 6.2442, 7.8018



10.5124, 4.8704, 25.2937



0.1899, 0.0897, 0.3797

Inverse Universe

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



20.8658, 17.7417, 18.8486



34.9275, 28.0836, 29.2693



19.8688, 26.3138, 20.2423



6.2703, 6.2473, 6.8035



11.1729, 5.7234, 2.1696



0.1802, 0.0908, 0.1015

Previews

White Background



This preview shows how the XYZ color 21.1837, 17.6240, 31.5634 looks on a white background.

Color Contrast Check

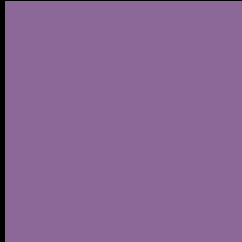
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.1837, 17.6240, 31.5634 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 21.1837, 17.6240, 31.5634

Background



This preview shows how black text looks on a background with the XYZ color 21.1837, 17.6240, 31.5634.



This preview shows how white text looks on a background with the XYZ color 21.1837, 17.6240,

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

21.1837, 17.6240, 31.5634

Protanopia

18.0977, 17.7077, 35.2650

Deuteranopia

18.1111, 17.8109, 30.9171



Tritanopia

18.7372, 17.5521, 19.8531

Trichromacy



Original Color

21.1837, 17.6240, 31.5634

Protanomaly

19.0213, 17.5511, 33.8377

Deuteranomaly

19.0746, 17.6358, 31.2529

Tritanomaly

19.6126, 17.5981, 23.8358

Monochromacy



Original Color

21.1837, 17.6240, 31.5634

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8664, 18.1853, 23.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1837, 17.6240, 31.5634 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(139, 104, 151)` looks like.

```
.text, #text, p{  
    color:rgb(139, 104, 151)  
}
```

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(139, 104, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 104, 151) }
```

Border

The CSS property to change the border of an element to XYZ 21.1837, 17.6240, 31.5634 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(139, 104, 151) }
```


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

```
.border{ border-color:rgb(139, 104, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 104, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 104, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 104, 151);  
box-shadow:4px 4px 4px 4px rgb(139, 104,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1837, 17.6240, 31.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 104, 151) }
```

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

```
.background{ background-color: rgb(139,  
104, 151) }
```

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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