

Converting Colors

XYZ(21.8261, 21.3094, 26.4231)

Have a look what the booklet for
XYZ(21.8261, 21.3094, 26.4231)
contains.

XYZ(21.6802, 21.1777, 26.2376)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6802, 21.1777,
26.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	887B88
RGB	136, 123, 136
RGB Percent	53%, 48%, 53%
CMY	0.4667, 0.5176, 0.4667
CMYK	0.00, 0.10, 0.00, 0.47
HSL	300°, 5%, 51%
HSV	300°, 10%, 53%
XYZ	21.6802, 21.1777, 26.2376
YIQ	128.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

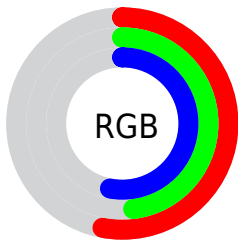
Format	Color
R_{YB}	136, 123, 136
Decimal	8944520
CIE _{Lab}	53.14, 7.47, -5.24
CIE _{LCh}	53, 9.125, 324.926
Yxy	21.1777, 0.3138, 0.3065
Android (android.graphics.Color)	4287134600 (0xFF887B88)
YUV	128.3690, 3.7621, 6.6924
Hunter-Lab	46.0192, 3.5598, -1.5904

Details

The XYZ color **21.6802, 21.1777, 26.2376** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5485, 23.2499, 22.1446**, and the grayscale version is **20.6329, 21.7074, 23.6394**.

A 20% lighter version of the original color is **45.5015, 45.1529, 54.4613**, and **7.9662, 7.5479, 9.8411** is the 20% darker color. If you saturate the color by 10%, you get **20.1092, 18.0354, 25.7142**, and if you desaturate by 10%, it is **23.4869, 24.7907, 26.8401**.

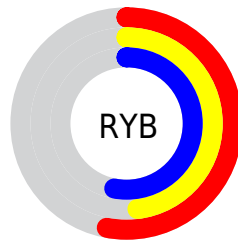
Distribution



Red (53%)

Green (48%)

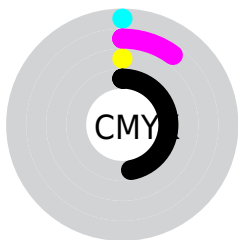
Blue (53%)



Red (53%)

Yellow (48%)

Blue (53%)

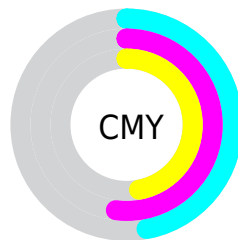


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6802, 21.1777, 26.2376 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 21.6802, 21.1777, 26.2376 by changing the saturation by 10% instead.

■ 21.6802, 21.1777,
26.2376

■ 21.6802, 21.1777,
26.2376

253.5355,
258.2214, 297.5890

■ 13.7374, 13.2540,
16.7741

■ 45.6997, 45.3831,
54.6468

■ 8.0187, 7.6037,
9.9133

■ 62.5070, 62.4335,
74.4296

■ 4.1588, 3.8424,
5.2367

■ 83.0000, 83.2950,
98.4892

■ 1.7924, 1.5858,
2.3256

107.5438,
108.3518, 127.2442

■ 0.5131, 0.3480,
0.7455

136.5039,
137.9885, 161.1132

■ 0.0000, 0.0000,
0.0000

170.2457,

172.5894, 200.5146

209.1344,
212.5389, 245.8670

■ 21.6802, 21.1777,
26.2376

■ 21.6802, 21.1777,
26.2376

■ 20.1092, 18.0354,
25.7142

■ 23.4869, 24.7907,
26.8401

■ 18.7623, 15.3417,
25.2652

■ 25.5363, 28.8896,
27.5232

■ 17.6300, 13.0771,
24.8878

■ 27.8378, 33.4926,
28.2904

■ 16.7011, 11.2194,
24.5782

■ 30.3995, 38.6159,
29.1443

■ 15.9637, 9.7445,
24.3324

■ 33.2292, 44.2752,
30.0875

■ 15.4043, 8.6257,
24.1459

■ 36.3342, 50.4853,
31.1225

■ 15.0079, 7.8330,
24.0138

■ 39.7219, 57.2606,
32.2517

■ 14.7571, 7.3314,
23.9302

■ 43.3991, 64.6149,
33.4774

■ 14.6038, 7.0249,
23.8791

■ 47.3724, 72.5615,
34.8019

Harmonies

Analogous

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



20.9181, 21.1777, 28.2020



21.6802, 21.1777, 26.2376



22.0272, 21.1777, 23.5305

Triad

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



21.6802, 21.1777, 26.2376



20.2928, 21.1777, 18.1763



18.4982, 21.1777, 25.3633

Complementary

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



21.6802, 21.1777, 26.2376



20.5485, 23.2499, 22.1446

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.



18.3427, 21.1777, 22.5937



21.6802, 21.1777, 26.2376



19.3596, 21.1777, 18.5825

Square

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



21.6802, 21.1777, 26.2376



21.2101, 21.1777, 18.9911



18.6532, 21.1777, 20.1479



19.0849, 21.1777, 27.6698

Rectangle

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



21.6802, 21.1777, 26.2376



21.9687, 21.1777, 21.7218



18.6532, 21.1777, 20.1479



18.3945, 21.1777, 24.4499

Sweetspot

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



21.6808, 21.1786, 26.2381



40.2256, 41.3588, 46.9113



19.7231, 20.2093, 26.1541



9.2598, 9.4663, 10.8455



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.



21.6808, 21.1786, 26.2381



37.7133, 36.3342, 46.0738



21.2472, 21.0052, 23.9548



5.2339, 5.1290, 6.3200



13.8157, 6.6364, 22.5985



0.0918, 0.0441, 0.1501

Inverse Universe

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



20.8122, 20.8312, 21.6639



35.9332, 35.6221, 36.6995



20.9546, 23.4123, 24.2831



5.0329, 5.0486, 5.2616



9.6098, 4.9541, 0.4498



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 21.6802, 21.1777, 26.2376 looks on a white background.

Color Contrast Check

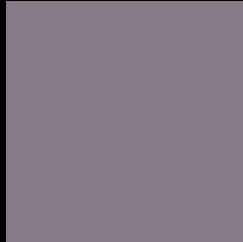
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6802, 21.1777, 26.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

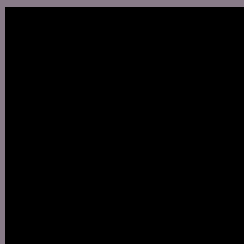
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6802, 21.1777, 26.2376

Background



This preview shows how black text looks on a background with the XYZ color 21.6802, 21.1777, 26.2376.



This preview shows how white text looks on a background with the XYZ color 21.6802, 21.1777,

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

21.6802, 21.1777, 26.2376

Protanopia

20.6525, 21.1923, 27.0468

Deuteranopia

21.5186, 21.0944, 26.2300



Tritanopia

21.4699, 21.0936, 25.1302

Trichromacy



Original Color

21.6802, 21.1777, 26.2376

Protanomaly

21.0549, 21.2192, 26.6529

Deuteranomaly

21.5186, 21.0944, 26.2300

Tritanomaly

21.5394, 21.1214, 25.4958

Monochromacy



Original Color

21.6802, 21.1777, 26.2376

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.9177, 21.3857, 24.4981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6802, 21.1777, 26.2376 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(136, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 123, 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(136, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.6802, 21.1777, 26.2376 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(136, 123, 136) }
```


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

```
.border{ border-color:rgb(136, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6802, 21.1777, 26.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 123, 136) }
```

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

```
.background{ background-color: rgb(136,  
123, 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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