

Converting Colors

XYZ(21.1199, 18.2637, 23.2895)

Have a look what the booklet for
XYZ(21.1199, 18.2637, 23.2895)
contains.

XYZ(21.0742, 18.2114, 23.1733)	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(21.0742, 18.2114,
23.1733)**

Conversions

Conversions Part 1

Format	Color
Hex	926B81
RGB	146, 107, 129
RGB Percent	57%, 42%, 51%
CMY	0.4274, 0.5804, 0.4941
CMYK	0.00, 0.27, 0.12, 0.43
HSL	326°, 15%, 50%
HSV	326°, 27%, 57%
XYZ	21.0742, 18.2114, 23.1733
YIQ	121.1690, 16.1820, 15.1100

Conversions

Conversions Part 2

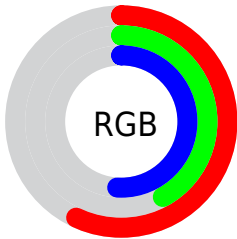
Format	Color
R_{YB}	146, 107, 129
Decimal	9595777
CIE _{Lab}	49.75, 19.22, -6.04
CIE _{LCh}	50, 20.144, 342.537
Yxy	18.2114, 0.3374, 0.2916
Android (android.graphics.Color)	4287785857 (0xFF926B81)
YUV	121.1690, 3.8607, 21.7768
Hunter-Lab	42.6748, 13.4681, -2.3233

Details

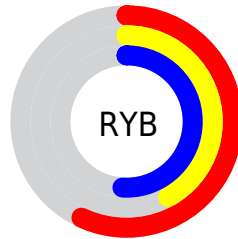
The XYZ color **21.0742, 18.2114, 23.1733** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9811, 25.1393, 22.8692**, and the grayscale version is **18.2133, 19.1618, 20.8672**.

A 20% lighter version of the original color is **44.6611, 40.4530, 49.7103**, and **7.7312, 6.1400, 8.3671** is the 20% darker color. If you saturate the color by 10%, you get **19.2688, 15.2564, 20.5489**, and if you desaturate by 10%, it is **23.1641, 21.6926, 26.0230**.

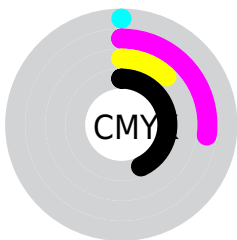
Distribution



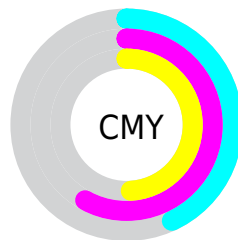
- Red (57%)
- Green (42%)
- Blue (51%)



- Red (57%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0742, 18.2114, 23.1733 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 21.0742, 18.2114, 23.1733 by changing the saturation by 10% instead.

■ 21.0742, 18.2114,
23.1733

■ 21.0742, 18.2114,
23.1733

250.3968,
242.0599, 281.7646

■ 13.2910, 11.1019,
14.5150

■ 44.7013, 40.3972,
49.6045

■ 7.7076, 6.1354,
8.3369

■ 61.2760, 56.2423,
68.2146

■ 3.9587, 2.9276,
4.2204

■ 81.5119, 75.7680,
90.9789

■ 1.6788, 1.0940,
1.7470

■ 105.7743, 99.3587,
118.3161

■ 0.4429, 0.0000,
0.3927

134.4287,
127.3989, 150.6448

■ 0.0000, 0.0000,
0.0000

167.8403,

160.2729, 188.3834

206.3746,
198.3651, 231.9505

■ 21.0742, 18.2114,
23.1733

■ 21.0742, 18.2114,
23.1733

■ 19.2688, 15.2564,
20.5489

■ 23.1641, 21.6926,
26.0230

■ 17.7328, 12.7992,
18.1418

■ 25.5493, 25.7217,
29.1032

■ 16.4524, 10.8124,
15.9452

■ 28.2420, 30.3223,
32.4205

■ 15.4115, 9.2649,
13.9512

■ 31.2533, 35.5157,
35.9807

■ 14.5922, 8.1217,
12.1513

■ 34.5937, 41.3222,
39.7894

■ 13.9742, 7.3427,
10.5361

■ 38.2731, 47.7611,
43.8521

■ 13.5241, 6.8625,
9.0917

■ 42.3012, 54.8508,
48.1739

■ 13.3907, 6.7256,
8.6460

■ 46.6870, 62.6091,
52.7600

■ 51.4394, 71.0529,
57.6151

Harmonies

Analogous

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



19.9264, 18.2114, 28.6820



21.0742, 18.2114, 23.1733



21.1680, 18.2114, 17.6220

Triad

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



21.0742, 18.2114, 23.1733



16.5205, 18.2114, 11.1972



14.7298, 18.2114, 27.8681

Complementary

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



21.0742, 18.2114, 23.1733



19.9811, 25.1393, 22.8692

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.



13.9508, 18.2114, 22.2132



21.0742, 18.2114, 23.1733



14.9321, 18.2114, 13.0158

Square

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



21.0742, 18.2114, 23.1733



18.4408, 18.2114, 11.3586



14.0220, 18.2114, 16.8232



16.2253, 18.2114, 31.7178

Rectangle

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



21.0742, 18.2114, 23.1733



20.6111, 18.2114, 14.6700



14.0220, 18.2114, 16.8232



14.3806, 18.2114, 26.0749

Sweetspot

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



21.0747, 18.2122, 23.1737



44.4274, 44.2821, 50.5263



18.7445, 16.8693, 29.4625



9.7495, 9.6241, 11.0696



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0747, 18.2122, 23.1737



35.2275, 28.9235, 38.0844



19.9052, 17.7444, 17.0148



5.9296, 5.8669, 6.7352



11.7951, 5.9231, 7.6679



0.1592, 0.0784, 0.1720

Inverse Universe

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



21.0747, 18.2122, 23.1737



35.2275, 28.9235, 38.0844



21.3312, 25.6793, 29.9784



5.9296, 5.8669, 6.7352



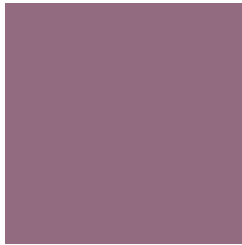
11.7951, 5.9231, 7.6679



0.1592, 0.0784, 0.1720

Previews

White Background



This preview shows how the XYZ color 21.0742, 18.2114, 23.1733 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 21.0742, 18.2114, 23.1733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

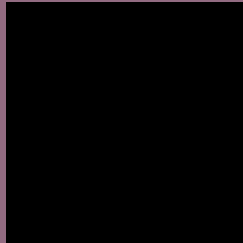
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0742, 18.2114, 23.1733

Background



This preview shows how black text looks on a background with the XYZ color 21.0742, 18.2114, 23.1733.



This preview shows how white text looks on a background with the XYZ color 21.0742, 18.2114,

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

21.0742, 18.2114, 23.1733

Protanopia

18.1248, 18.4474, 25.8980

Deuteranopia

18.5657, 18.2294, 22.6188



Tritanopia

20.3566, 18.2414, 19.2777

Trichromacy



Original Color

21.0742, 18.2114, 23.1733

Protanomaly

19.0033, 18.2401, 24.7094

Deuteranomaly

19.3633, 18.1334, 22.9016

Tritanomaly

20.4908, 18.1253, 20.5077

Monochromacy



Original Color

21.0742, 18.2114, 23.1733

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.0894, 18.6918, 21.6705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0742, 18.2114, 23.1733 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(146, 107, 129)` looks like.

```
.text, #text, p{  
    color:rgb(146, 107, 129)  
}
```

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(146, 107, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 107, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.0742, 18.2114, 23.1733 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(146, 107, 129) }
```


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

```
.border{ border-color:rgb(146, 107, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 107, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 107, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 107, 129);  
box-shadow:4px 4px 4px 4px rgb(146, 107,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0742, 18.2114, 23.1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 107, 129) }
```

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

```
.background{ background-color: rgb(146,  
107, 129) }
```

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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