

Converting Colors

XYZ(21.0102, 19.3797, 23.7883)

Have a look what the booklet for
XYZ(21.0102, 19.3797, 23.7883)
contains.

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Color

**XYZ(21.0311, 19.3091,
23.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7282
RGB	141, 114, 130
RGB Percent	55%, 45%, 51%
CMY	0.4471, 0.5529, 0.4902
CMYK	0.00, 0.19, 0.08, 0.45
HSL	324°, 11%, 50%
HSV	324°, 19%, 55%
XYZ	21.0311, 19.3091, 23.7377
YIQ	123.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

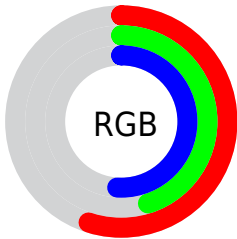
Format	Color
R_{YB}	141, 114, 130
Decimal	9269890
CIE _{Lab}	51.05, 13.43, -4.77
CIE _{LCh}	51, 14.249, 340.428
Yxy	19.3091, 0.3282, 0.3013
Android (android.graphics.Color)	4287459970 (0xFF8D7282)
YUV	123.8970, 3.0088, 14.9993
Hunter-Lab	43.9421, 8.5330, -1.2692

Details

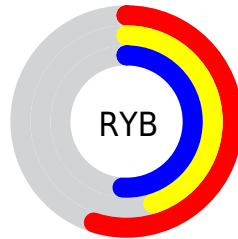
The XYZ color **21.0311, 19.3091, 23.7377** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1668, 24.1083, 22.9936**, and the grayscale version is **19.1121, 20.1074, 21.8970**.

A 20% lighter version of the original color is **44.6891, 42.2934, 50.6078**, and **7.7478, 6.7147, 8.6723** is the 20% darker color. If you saturate the color by 10%, you get **19.1868, 16.2204, 21.2733**, and if you desaturate by 10%, it is **23.1432, 22.8985, 26.3980**.

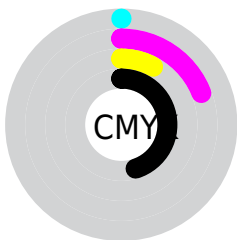
Distribution



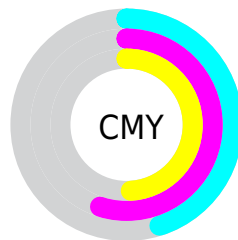
- Red (55%)
- Green (45%)
- Blue (51%)



- Red (55%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0311, 19.3091, 23.7377 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 21.0311, 19.3091, 23.7377 by changing the saturation by 10% instead.

■ 21.0311, 19.3091,
23.7377

■ 21.0311, 19.3091,
23.7377

250.1723,
248.1499, 284.7354

■ 13.2593, 11.8938,
14.9288

■ 44.6302, 42.2558,
50.5403

■ 7.6856, 6.6714,
8.6233

■ 61.1882, 58.5559,
69.3710

■ 3.9445, 3.2575,
4.4029

■ 81.4057, 78.5866,
92.3794

■ 1.6708, 1.2676,
1.8489

■ 105.6479,
102.7320, 119.9840

■ 0.4379, 0.1159,
0.4599

134.2804,
131.3767, 152.6034

■ 0.0000, 0.0000,
0.0000

167.6684,

164.9049, 190.6560

206.1772,
203.7012, 234.5605

■ 21.0311, 19.3091,
23.7377

■ 21.0311, 19.3091,
23.7377

■ 19.1868, 16.2204,
21.2733

■ 23.1432, 22.8985,
26.3980

■ 17.5972, 13.6072,
18.9981

■ 25.5323, 27.0072,
29.2584

■ 16.2503, 11.4462,
16.9066

■ 28.2091, 31.6558,
32.3243

■ 15.1327, 9.7110,
14.9925

■ 31.1834, 36.8632,
35.6004

■ 14.2294, 8.3724,
13.2490

■ 34.4642, 42.6472,
39.0915

■ 13.5237, 7.3973,
11.6685

■ 38.0605, 49.0250,
42.8020

■ 12.9961, 6.7476,
10.2426

■ 41.9806, 56.0130,
46.7363

■ 12.5995, 6.3296,
8.9536

■ 46.2327, 63.6269,
50.8984

■ 12.5673, 6.2959,
8.8484

■ 50.8247, 71.8819,
55.2925

Harmonies

Analogous

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



20.1700, 19.3091, 27.5150



21.0311, 19.3091, 23.7377



21.1540, 19.3091, 19.6484

Triad

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



21.0311, 19.3091, 23.7377



17.8658, 19.3091, 14.2678



16.3629, 19.3091, 26.4796

Complementary

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



21.0311, 19.3091, 23.7377



20.1668, 24.1083, 22.9936

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.



15.8103, 19.3091, 22.4631



21.0311, 19.3091, 23.7377



16.6480, 19.3091, 15.6442

Square

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



21.0311, 19.3091, 23.7377



19.2772, 19.3091, 14.5170



15.9120, 19.3091, 18.5260



17.4583, 19.3091, 29.2331

Rectangle

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



21.0311, 19.3091, 23.7377



20.7943, 19.3091, 17.3277



15.9120, 19.3091, 18.5260



16.1101, 19.3091, 25.2125

Sweetspot

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



21.0317, 19.3100, 23.7381



42.6834, 43.1280, 48.7819



19.2541, 18.3037, 27.7177



9.4825, 9.5454, 10.8339



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.



21.0317, 19.3100, 23.7381



36.1705, 32.0683, 40.5498



20.1958, 18.9756, 19.3365



5.5345, 5.4743, 6.3127



11.4669, 5.7438, 8.1100



0.1206, 0.0593, 0.1353

Inverse Universe

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



21.0317, 19.3100, 23.7381



36.1705, 32.0683, 40.5498



21.0741, 24.4713, 27.7718



5.5345, 5.4743, 6.3127



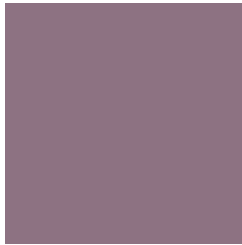
11.4669, 5.7438, 8.1100



0.1206, 0.0593, 0.1353

Previews

White Background



This preview shows how the XYZ color 21.0311, 19.3091, 23.7377 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 21.0311, 19.3091, 23.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

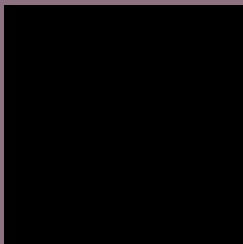
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0311, 19.3091, 23.7377

Background



This preview shows how black text looks on a background with the XYZ color 21.0311, 19.3091, 23.7377.



This preview shows how white text looks on a background with the XYZ color 21.0311, 19.3091,

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

21.0311, 19.3091, 23.7377

Protanopia

18.8862, 19.3890, 25.3013

Deuteranopia

19.6468, 19.2877, 23.4563



Tritanopia

20.5840, 19.2922, 21.7076

Trichromacy



Original Color

21.0311, 19.3091, 23.7377

Protanomaly

19.6142, 19.2395, 24.8701

Deuteranomaly

20.1553, 19.3759, 23.4465

Tritanomaly

20.7118, 19.3433, 22.3807

Monochromacy



Original Color

21.0311, 19.3091, 23.7377

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6883, 19.6851, 22.5006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0311, 19.3091, 23.7377 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(141, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(141, 114, 130)  
}
```

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(141, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 114, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.0311, 19.3091, 23.7377 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(141, 114, 130) }
```


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

```
.border{ border-color:rgb(141, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(141, 114,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0311, 19.3091, 23.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 114, 130) }
```

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

```
.background{ background-color: rgb(141,  
114, 130) }
```

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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