

Converting Colors

XYZ(21.0478, 19.5753, 20.6104)

Have a look what the booklet for
XYZ(21.0478, 19.5753, 20.6104)
contains.

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Color

**XYZ(21.0835, 19.5712,
20.7556)**

Conversions

Conversions Part 1

Format	Color
Hex	907379
RGB	144, 115, 121
RGB Percent	56%, 45%, 47%
CMY	0.4353, 0.5490, 0.5255
CMYK	0.00, 0.20, 0.16, 0.44
HSL	348°, 12%, 51%
HSV	348°, 20%, 56%
XYZ	21.0835, 19.5712, 20.7556
YIQ	124.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

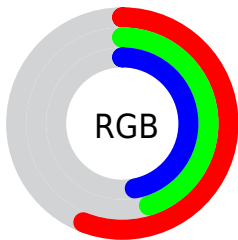
Format	Color
R_{YB}	144, 115, 121
Decimal	9466745
CIE Lab	51.35, 12.37, 1.02
CIE LCh	51, 12.416, 4.691
Yxy	19.5712, 0.3433, 0.3187
Android (android.graphics.Color)	4287656825 (0xFF907379)
YUV	124.3550, -1.6540, 17.2287
Hunter-Lab	44.2393, 7.6503, 3.1507

Details

The XYZ color **21.0835, 19.5712, 20.7556** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6317, 25.4268, 27.8136**, and the grayscale version is **19.2788, 20.2828, 22.0880**.

A 20% lighter version of the original color is **44.6502, 42.6603, 45.4161**, and **7.7240, 6.8225, 7.2131** is the 20% darker color. If you saturate the color by 10%, you get **18.9086, 16.2765, 16.7771**, and if you desaturate by 10%, it is **23.5990, 23.4139, 25.2573**.

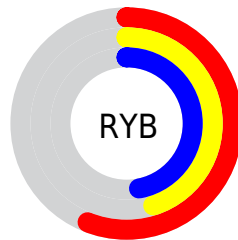
Distribution



Red (56%)

Green (45%)

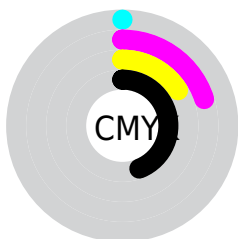
Blue (47%)



Red (56%)

Yellow (45%)

Blue (47%)

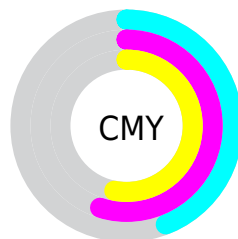


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0835, 19.5712, 20.7556 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 21.0835, 19.5712, 20.7556 by changing the saturation by 10% instead.

■ 21.0835, 19.5712,
20.7556

■ 21.0835, 19.5712,
20.7556

250.4452,
249.5842, 268.7150

■ 13.2979, 12.0837,
12.7560

■ 44.7167, 42.6971,
45.5559

■ 7.7124, 6.8007,
7.1320

■ 61.2949, 59.1043,
63.1937

■ 3.9617, 3.3378,
3.4651

■ 81.5348, 79.2536,
84.8813

■ 1.6805, 1.3105,
1.3367

■ 105.8016,
103.5292, 111.0372

■ 0.4440, 0.1493,
0.0916

134.4607,
132.3158, 142.0800

■ 0.0000, 0.0000,
0.0000

167.8774,

165.9975, 178.4282

206.4171,
204.9589, 220.5004

■ 21.0835, 19.5712,
20.7556

■ 21.0835, 19.5712,
20.7556

■ 18.9086, 16.2765,
16.7771

■ 23.5990, 23.4139,
25.2573

■ 17.0578, 13.5023,
13.3015

■ 26.4673, 27.8252,
30.2990

■ 15.5159, 11.2225,
10.3088

■ 29.7020, 32.8281,
35.8985

■ 14.2656, 9.4079,
7.7772

■ 33.3155, 38.4431,
42.0723

■ 13.2880, 8.0263,
5.6834

■ 37.3196, 44.6903,
48.8361

■ 12.5619, 7.0409,
4.0017

■ 41.7256, 51.5883,
56.2051

■ 12.0626, 6.4093,
2.7037

■ 46.5443, 59.1554,
64.1940

■ 11.7333, 6.0220,
1.7578

■ 51.7862, 67.4088,
72.8169

■ 57.4612, 76.3654,
82.0874

Harmonies

Analogous

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



20.8440, 19.5712, 24.3676



21.0835, 19.5712, 20.7556



20.6342, 19.5712, 17.6512

Triad

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



21.0835, 19.5712, 20.7556



17.2762, 19.5712, 16.1688



17.6000, 19.5712, 28.1058

Complementary

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



21.0835, 19.5712, 20.7556



21.6317, 25.4268, 27.8136

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.



16.7075, 19.5712, 25.4417



21.0835, 19.5712, 20.7556



16.5265, 19.5712, 18.5190

Square

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



21.0835, 19.5712, 20.7556



18.4073, 19.5712, 15.1972



16.3230, 19.5712, 21.8736



18.7977, 19.5712, 28.8743

Rectangle

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



21.0835, 19.5712, 20.7556



20.0158, 19.5712, 16.2041



16.3230, 19.5712, 21.8736



17.2561, 19.5712, 27.3888

Sweetspot

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



21.0840, 19.5721, 20.7560



43.5773, 44.2964, 48.0006



21.5998, 19.6551, 29.0411



9.9288, 10.0591, 10.8941



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.



21.0840, 19.5721, 20.7560



35.4438, 31.8728, 33.4407



21.7066, 21.3876, 19.2049



5.4517, 5.4412, 5.8766



10.2249, 5.2470, 1.5695



0.1044, 0.0528, 0.0501

Inverse Universe

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



21.0840, 19.5721, 20.7560



35.4438, 31.8728, 33.4407



20.8786, 23.2064, 29.7646



5.4517, 5.4412, 5.8766



10.2249, 5.2470, 1.5695



0.1044, 0.0528, 0.0501

Previews

White Background



This preview shows how the XYZ color 21.0835, 19.5712, 20.7556 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 21.0835, 19.5712, 20.7556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

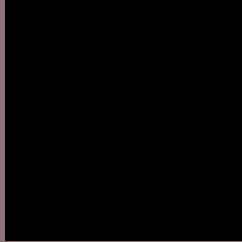
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0835, 19.5712, 20.7556

Background



This preview shows how black text looks on a background with the XYZ color 21.0835, 19.5712, 20.7556.



This preview shows how white text looks on a background with the XYZ color 21.0835, 19.5712,

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

21.0835, 19.5712, 20.7556

Protanopia

18.9734, 19.6848, 22.2016

Deuteranopia

19.9787, 19.7006, 20.5189



Tritanopia

21.2075, 19.6208, 21.4083

Trichromacy



Original Color

21.0835, 19.5712, 20.7556

Protanomaly

19.5950, 19.4742, 21.7949

Deuteranomaly

20.3498, 19.7162, 20.5024

Tritanomaly

21.1452, 19.5959, 21.0803

Monochromacy



Original Color

21.0835, 19.5712, 20.7556

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.7726, 19.9301, 21.5437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0835, 19.5712, 20.7556 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(144, 115, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 115, 121)  
}
```

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(144, 115, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 115, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.0835, 19.5712, 20.7556 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(144, 115, 121) }
```


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

```
.border{ border-color:rgb(144, 115, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 115, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 115, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 115, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 115,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0835, 19.5712, 20.7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 115, 121) }
```

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

```
.background{ background-color: rgb(144,  
115, 121) }
```

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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