

Converting Colors

XYZ(21.0018, 21.6604, 20.6507)

Have a look what the booklet for
XYZ(21.0018, 21.6604, 20.6507)
contains.

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Color

**XYZ(21.0725, 21.7449,
20.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	887F77
RGB	136, 127, 119
RGB Percent	53%, 50%, 47%
CMY	0.4667, 0.5019, 0.5333
CMYK	0.00, 0.07, 0.12, 0.47
HSL	28°, 7%, 50%
HSV	28°, 12%, 53%
XYZ	21.0725, 21.7449, 20.5393
YIQ	128.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

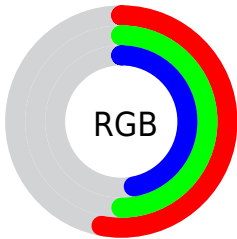
Format	Color
R_{YB}	136, 134, 119
Decimal	8945527
CIE Lab	53.76, 1.95, 5.57
CIE LCh	54, 5.897, 70.696
Yxy	21.7449, 0.3326, 0.3432
Android (android.graphics.Color)	4287135607 (0xFF887F77)
YUV	128.7790, -4.8210, 6.3328
Hunter-Lab	46.6314, -0.9418, 6.5271

Details

The XYZ color **21.0725, 21.7449, 20.5393** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7708, 21.1375, 26.3307**, and the grayscale version is **20.8038, 21.8872, 23.8352**.

A 20% lighter version of the original color is **44.6582, 46.4016, 45.1307**, and **7.6995, 7.8821, 7.0768** is the 20% darker color. If you saturate the color by 10%, you get **19.4170, 19.6487, 16.2421**, and if you desaturate by 10%, it is **22.9125, 24.0227, 25.4753**.

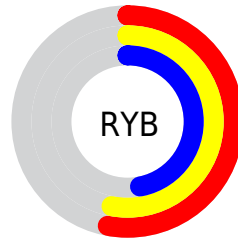
Distribution



Red (53%)

Green (50%)

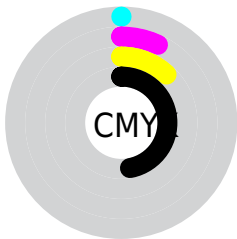
Blue (47%)



Red (53%)

Yellow (53%)

Blue (47%)

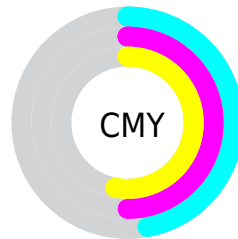


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0725, 21.7449, 20.5393 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 21.0725, 21.7449, 20.5393 by changing the saturation by 10% instead.

■ 21.0725, 21.7449,
20.5393

■ 21.0725, 21.7449,
20.5393

250.3880,
261.2112, 267.5200

■ 13.2898, 13.6696,
12.5997

■ 44.6985, 46.3240,
45.1903

■ 7.7068, 7.8912,
7.0260

■ 61.2725, 63.5966,
62.7388

■ 3.9581, 4.0254,
3.3997

■ 81.5077, 84.7037,
84.3274

■ 1.6785, 1.6878,
1.3022

105.7693,
110.0297, 110.3746

■ 0.4427, 0.4157,
0.0636

134.4228,
139.9591, 141.2989

■ 0.0000, 0.0000,
0.0000

167.8335,

174.8762, 177.5189

206.3668,
215.1654, 219.4531

■ 21.0725, 21.7449,
20.5393

■ 21.0725, 21.7449,
20.5393

■ 19.4170, 19.6487,
16.2421

■ 22.9125, 24.0227,
25.4753

■ 17.9380, 17.7264,
12.5557

■ 24.9413, 26.4836,
31.0735

■ 16.6292, 15.9740,
9.4524

■ 27.1651, 29.1331,
37.3581

■ 15.4836, 14.3864,
6.9014

■ 29.5893, 31.9752,
44.3513

■ 14.4933, 12.9578,
4.8693

■ 32.2192, 35.0141,
52.0747

■ 13.6498, 11.6825,
3.3189

■ 35.0598, 38.2537,
60.5486

■ 12.9435, 10.5539,
2.2082

■ 38.1159, 41.6978,
69.7928

■ 12.3634, 9.5647,
1.4875

■ 41.3921, 45.3500,
79.8262

■ 11.9880, 8.9035,
1.0867

■ 44.8931, 49.2140,
90.6670

Harmonies

Analogous

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



21.6037, 21.7449, 21.4774



21.0725, 21.7449, 20.5393



20.4430, 21.7449, 20.4165

Triad

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



21.0725, 21.7449, 20.5393



19.4958, 21.7449, 24.3288



21.4710, 21.7449, 26.4164

Complementary

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



21.0725, 21.7449, 20.5393



19.7708, 21.1375, 26.3307

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.



20.8944, 21.7449, 27.2663



21.0725, 21.7449, 20.5393



19.7595, 21.7449, 26.0208

Square

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



21.0725, 21.7449, 20.5393



19.5413, 21.7449, 22.5437



20.2685, 21.7449, 27.1179



21.8370, 21.7449, 24.8466

Rectangle

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



21.0725, 21.7449, 20.5393



20.0533, 21.7449, 20.8062



20.2685, 21.7449, 27.1179



21.2949, 21.7449, 26.7993

Sweetspot

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



21.0731, 21.7459, 20.5398



39.8418, 41.6763, 43.4373



20.6511, 19.9885, 23.2151



9.1743, 9.5870, 9.9171



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.



21.0731, 21.7459, 20.5398



36.2797, 37.2462, 33.9448



22.2079, 24.0155, 20.9180



5.2143, 5.4114, 5.3221



11.3554, 8.4452, 1.0316



0.0899, 0.0850, 0.0117

Inverse Universe

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



19.7708, 21.1375, 26.3307



33.5187, 35.9563, 46.2220



18.7164, 19.0288, 25.9793



4.9794, 5.3017, 6.3667



6.4075, 6.0852, 22.8825



0.0572, 0.0698, 0.1569

Previews

White Background



This preview shows how the XYZ color 21.0725, 21.7449, 20.5393 looks on a white background.

Color Contrast Check

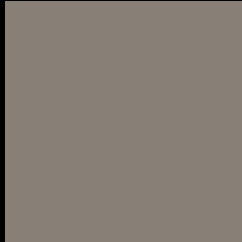
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0725, 21.7449, 20.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

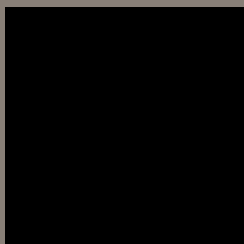
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

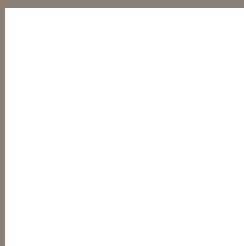
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0725, 21.7449, 20.5393

Background



This preview shows how black text looks on a background with the XYZ color 21.0725, 21.7449, 20.5393.



This preview shows how white text looks on a background with the XYZ color 21.0725, 21.7449,

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

21.0725, 21.7449, 20.5393

Protanopia

20.7822, 21.7810, 20.8781

Deuteranopia

22.0994, 21.7007, 20.7932



Tritanopia

22.1179, 21.7917, 25.5947

Trichromacy



Original Color

21.0725, 21.7449, 20.5393

Protanomaly

20.9409, 21.8627, 20.8855

Deuteranomaly

21.7083, 21.6860, 20.8110

Tritanomaly

21.7398, 21.8251, 23.8357

Monochromacy



Original Color

21.0725, 21.7449, 20.5393

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.9366, 21.8245, 22.5111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0725, 21.7449, 20.5393 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, 127, 119)` looks like.

```
.text, #text, p{  
    color:rgb(136, 127, 119)  
}
```

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, 127, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 127, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.0725, 21.7449, 20.5393 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, 127, 119) }
```


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

```
.border{ border-color:rgb(136, 127, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 127, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 127, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 127, 119);  
box-shadow:4px 4px 4px 4px rgb(136, 127,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0725, 21.7449, 20.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 127, 119) }
```

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

```
.background{ background-color: rgb(136,  
127, 119) }
```

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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