

Converting Colors

XYZ(22.1393, 20.9921, 20.6543)

Have a look what the booklet for
XYZ(22.1393, 20.9921, 20.6543)
contains.

XYZ(22.1393, 20.9921, 20.6543)	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(22.1393, 20.9921,
20.6543)**

Conversions

Conversions Part 1

Format	Color
Hex	937878
RGB	147, 120, 120
RGB Percent	58%, 47%, 47%
CMY	0.4235, 0.5294, 0.5294
CMYK	0.00, 0.18, 0.18, 0.42
HSL	0°, 11%, 52%
HSV	0°, 18%, 58%
XYZ	22.1393, 20.9921, 20.6543
YIQ	128.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

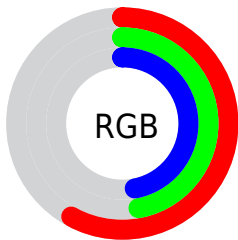
Format	Color
RYB	147, 120, 120
Decimal	9664632
CIELab	52.94, 10.48, 3.95
CIELCh	53, 11.202, 20.635
Yxy	20.9921, 0.3471, 0.3291
Android (android.graphics.Color)	4287854712 (0xFF937878)
YUV	128.0730, -3.9800, 16.5990
Hunter-Lab	45.8171, 6.0730, 5.3441

Details

The XYZ color **22.1393, 20.9921, 20.6543** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4457, 26.9664, 31.5733**, and the grayscale version is **20.5531, 21.6235, 23.5480**.

A 20% lighter version of the original color is **46.2863, 44.9011, 45.2570**, and **8.2468, 7.4612, 7.1364** is the 20% darker color. If you saturate the color by 10%, you get **19.6808, 17.3947, 15.7660**, and if you desaturate by 10%, it is **25.0074, 25.1889, 26.3553**.

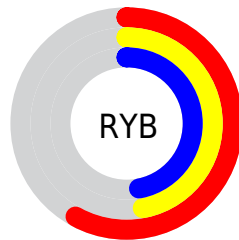
Distribution



Red (58%)

Green (47%)

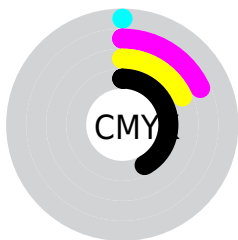
Blue (47%)



Red (58%)

Yellow (47%)

Blue (47%)

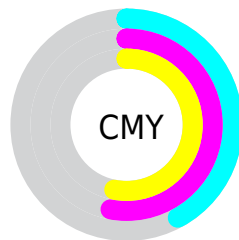


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (42%)



Cyan (42%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1393, 20.9921, 20.6543 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 22.1393, 20.9921, 20.6543 by changing the saturation by 10% instead.


 22.1393, 20.9921,
20.6543


 22.1393, 20.9921,
20.6543


255.8916,
257.2365, 268.1560


 14.0765, 13.1182,
12.6828


 46.4533, 45.0744,
45.3848

 8.2559, 7.5100,
7.0823


 63.4351, 62.0516,
62.9808

 4.3123, 3.7831,
3.4344


 84.1207, 82.8320,
84.6221

 1.8803, 1.5530,
1.3205

108.8753,
107.8001, 110.7271

 0.5653, 0.3256,
0.0785

138.0643,
137.3402, 141.7145

 0.0000, 0.0000,
0.0000

172.0532,

171.8367, 178.0027

211.2071,
211.6740, 220.0104

■ 22.1393, 20.9921,
20.6543

■ 22.1393, 20.9921,
20.6543

■ 19.6808, 17.3947,
15.7660

■ 25.0074, 25.1889,
26.3553

■ 17.6114, 14.3667,
11.6523

■ 28.3006, 30.0078,
32.9024

■ 15.9119, 11.8798,
8.2738

■ 32.0359, 35.4735,
40.3284

■ 14.5604, 9.9021,
5.5872

■ 36.2289, 41.6089,
48.6643

■ 13.5329, 8.3985,
3.5446

■ 40.8942, 48.4354,
57.9393

■ 12.8022, 7.3293,
2.0923

■ 46.0460, 55.9737,
68.1815

■ 12.3369, 6.6484,
1.1675

■ 51.6978, 64.2436,
79.4178

■ 12.0721, 6.2608,
0.6411

■ 57.8625, 73.2641,
91.6739

■ 12.0329, 6.2035,
0.5632

■ 64.5527, 83.0535,
104.9747

Harmonies

Analogous

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



22.2625, 20.9921, 23.9245



22.1393, 20.9921, 20.6543



21.4179, 20.9921, 18.2161

Triad

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



22.1393, 20.9921, 20.6543



18.2583, 20.9921, 18.9984



19.5875, 20.9921, 29.8439

Complementary

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



22.1393, 20.9921, 20.6543



23.4457, 26.9664, 31.5733

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.



18.5552, 20.9921, 28.2256



22.1393, 20.9921, 20.6543



17.8079, 20.9921, 21.8214

Square

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



22.1393, 20.9921, 20.6543



19.1677, 20.9921, 17.3271



17.9144, 20.9921, 25.2106



20.7581, 20.9921, 29.4532

Rectangle

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



22.1393, 20.9921, 20.6543



20.7099, 20.9921, 17.2864



17.9144, 20.9921, 25.2106



19.2135, 20.9921, 29.5113

Sweetspot

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



22.1399, 20.9931, 20.6547



46.0402, 46.9472, 49.6951



24.0158, 21.7429, 30.5350



10.4357, 10.6083, 11.1966



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.1399, 20.9931, 20.6547



37.7635, 34.8361, 33.2408



23.8792, 24.4717, 21.2345



5.8009, 5.8155, 6.0572



10.4318, 5.3780, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



23.4457, 26.9664, 31.5733



40.5423, 47.5474, 56.4753



21.4686, 23.0122, 30.9143



5.9641, 6.5621, 7.4220



13.6091, 19.9129, 27.0573



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 22.1393, 20.9921, 20.6543 looks on a white background.

Color Contrast Check

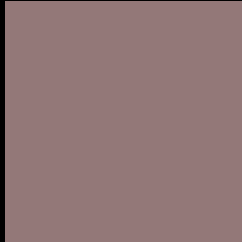
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1393, 20.9921, 20.6543 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 22.1393, 20.9921, 20.6543

Background



This preview shows how black text looks on a background with the XYZ color 22.1393, 20.9921, 20.6543.



This preview shows how white text looks on a background with the XYZ color 22.1393, 20.9921,

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

22.1393, 20.9921, 20.6543

Protanopia

20.2419, 21.0976, 21.7443

Deuteranopia

21.3342, 20.9379, 20.6863



Tritanopia

22.7059, 21.0481, 23.2880

Trichromacy



Original Color

22.1393, 20.9921, 20.6543

Protanomaly

20.8738, 21.0547, 21.3761

Deuteranomaly

21.5552, 20.8704, 20.6616

Tritanomaly

22.5112, 20.9702, 22.2632

Monochromacy



Original Color

22.1393, 20.9921, 20.6543

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.0270, 21.2988, 22.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1393, 20.9921, 20.6543 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(147, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 120)  
}
```

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(147, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.1393, 20.9921, 20.6543 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(147, 120, 120) }
```


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

```
.border{ border-color:rgb(147, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1393, 20.9921, 20.6543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 120) }
```

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

```
.background{ background-color: rgb(147,  
120, 120) }
```

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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