

Converting Colors

XYZ(22.9265, 21.6597, 21.0617)

Have a look what the booklet for
XYZ(22.9265, 21.6597, 21.0617)
contains.

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Color

**XYZ(22.8662, 21.5393,
21.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	967979
RGB	150, 121, 121
RGB Percent	59%, 47%, 47%
CMY	0.4118, 0.5255, 0.5255
CMYK	0.00, 0.19, 0.19, 0.41
HSL	0°, 12%, 53%
HSV	0°, 19%, 59%
XYZ	22.8662, 21.5393, 21.0415
YIQ	129.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

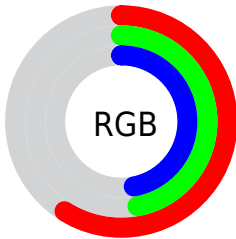
Format	Color
R_{YB}	150, 121, 121
Decimal	9861497
CIE _{Lab}	53.53, 11.25, 4.26
CIE _{LCh}	54, 12.032, 20.725
Yxy	21.5393, 0.3494, 0.3291
Android (android.graphics.Color)	4288051577 (0xFF967979)
YUV	129.6710, -4.2748, 17.8285
Hunter-Lab	46.4105, 6.7278, 5.6065

Details

The XYZ color **22.8662, 21.5393, 21.0415** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2961, 28.0787, 32.9933**, and the grayscale version is **21.1128, 22.2123, 24.1892**.

A 20% lighter version of the original color is **47.6632, 45.8834, 45.8794**, and **8.6656, 7.7684, 7.3461** is the 20% darker color. If you saturate the color by 10%, you get **20.3339, 17.8339, 16.0065**, and if you desaturate by 10%, it is **25.8262, 25.8706, 26.9253**.

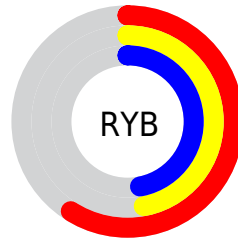
Distribution



Red (59%)

Green (47%)

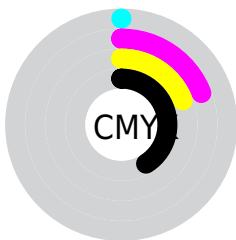
Blue (47%)



Red (59%)

Yellow (47%)

Blue (47%)

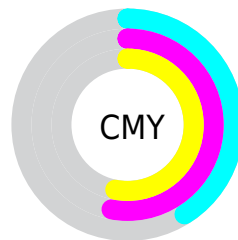


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8662, 21.5393, 21.0415 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 22.8662, 21.5393, 21.0415 by changing the saturation by 10% instead.

■ 22.8662, 21.5393,
21.0415

■ 22.8662, 21.5393,
21.0415

259.5852,
260.1308, 270.2873

■ 14.6149, 13.5188,
12.9628

■ 47.6418, 45.9834,
46.0383

■ 8.6341, 7.7867,
7.2725

■ 64.8968, 63.1757,
63.7934

■ 4.5585, 3.9588,
3.5521

■ 85.8838, 84.1941,
85.6112

■ 2.0227, 1.6505,
1.3830

110.9680,
109.4230, 111.9100

■ 0.6467, 0.3913,
0.1284

140.5150,
139.2467, 143.1085

■ 0.0000, 0.0000,
0.0000

174.8899,

174.0496, 179.6252

214.4582,
214.2162, 221.8786

■ 22.8662, 21.5393,
21.0415

■ 22.8662, 21.5393,
21.0415

■ 20.3339, 17.8339,
16.0065

■ 25.8262, 25.8706,
26.9253

■ 18.2078, 14.7228,
11.7799

■ 29.2304, 30.8519,
33.6930

■ 16.4673, 12.1760,
8.3199

■ 33.0968, 36.5094,
41.3795

■ 15.0893, 10.1596,
5.5807

■ 37.4416, 42.8670,
50.0173

■ 14.0483, 8.6363,
3.5114

■ 42.2806, 49.9476,
59.6375

■ 13.3154, 7.5637,
2.0545

■ 47.6285, 57.7729,
70.2696

■ 12.8567, 6.8925,
1.1430

■ 53.4996, 66.3637,
81.9419

■ 12.5942, 6.5083,
0.6212

■ 59.9076, 75.7402,
94.6817

■ 12.5778, 6.4844,
0.5887

■ 66.3877, 85.2240,
107.5586

Harmonies

Analogous

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



23.0035, 21.5393, 24.6093



22.8662, 21.5393, 21.0415



22.0733, 21.5393, 18.4001

Triad

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



22.8662, 21.5393, 21.0415



18.6225, 21.5393, 19.2605



20.0776, 21.5393, 31.1347

Complementary

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



22.8662, 21.5393, 21.0415



24.2961, 28.0787, 32.9933

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.



18.9509, 21.5393, 29.3546



22.8662, 21.5393, 21.0415



18.1342, 21.5393, 22.3328

Square

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



22.8662, 21.5393, 21.0415



19.6123, 21.5393, 17.4488



18.2519, 21.5393, 26.0413



21.3574, 21.5393, 30.6964

Rectangle

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



22.8662, 21.5393, 21.0415



21.2972, 21.5393, 17.3987



18.2519, 21.5393, 26.0413



19.6693, 21.5393, 30.7695

Sweetspot

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



22.8668, 21.5403, 21.0419



47.4216, 48.3543, 51.1832



24.9202, 22.3610, 31.8568



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.



22.8668, 21.5403, 21.0419



38.4237, 35.1881, 33.2953



24.7629, 25.3325, 21.6740



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.



24.2961, 28.0787, 32.9933



41.3971, 48.7893, 58.1567



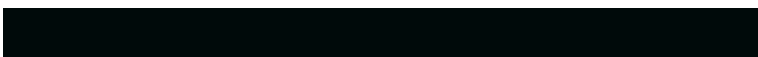
22.1243, 23.7350, 32.2694



5.9641, 6.5621, 7.4220



13.6091, 19.9130, 27.0573



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 22.8662, 21.5393, 21.0415 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 22.8662, 21.5393, 21.0415 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 22.8662, 21.5393, 21.0415

Background



This preview shows how black text looks on a background with the XYZ color 22.8662, 21.5393, 21.0415.



This preview shows how white text looks on a background with the XYZ color 22.8662, 21.5393,

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

22.8662, 21.5393, 21.0415

Protanopia

20.7809, 21.7443, 22.5038

Deuteranopia

21.9255, 21.6110, 20.7850



Tritanopia

23.4414, 21.5972, 23.7021

Trichromacy



Original Color

22.8662, 21.5393, 21.0415

Protanomaly

21.4529, 21.5257, 22.0930

Deuteranomaly

22.3272, 21.6330, 20.7681

Tritanomaly

23.2449, 21.5186, 22.6670

Monochromacy



Original Color

22.8662, 21.5393, 21.0415

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7367, 22.0294, 23.1851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8662, 21.5393, 21.0415 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(150, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(150, 121, 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(150, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 121, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.8662, 21.5393, 21.0415 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(150, 121, 121) }
```


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

```
.border{ border-color:rgb(150, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(150, 121,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8662, 21.5393, 21.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 121, 121) }
```

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

```
.background{ background-color: rgb(150,  
121, 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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