

Converting Colors

XYZ(24.0040, 21.0625, 21.5392)

Have a look what the booklet for
XYZ(24.0040, 21.0625, 21.5392)
contains.

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Color

**XYZ(24.0040, 21.0625,
21.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	9F737B
RGB	159, 115, 123
RGB Percent	62%, 45%, 48%
CMY	0.3765, 0.5490, 0.5176
CMYK	0.00, 0.28, 0.23, 0.38
HSL	349°, 19%, 54%
HSV	349°, 28%, 62%
XYZ	24.0040, 21.0625, 21.5392
YIQ	129.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

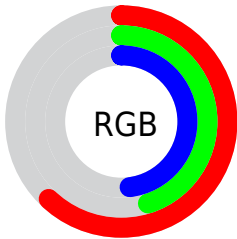
Format	Color
R_{YB}	159, 115, 123
Decimal	10449787
CIE _{Lab}	53.02, 18.56, 2.46
CIE _{LCh}	53, 18.719, 7.558
Yxy	21.0625, 0.3604, 0.3162
Android (android.graphics.Color)	4288639867 (0xFF9F737B)
YUV	129.0680, -2.9915, 26.2504
Hunter-Lab	45.8939, 13.0470, 4.2994

Details

The XYZ color **24.0040, 21.0625, 21.5392** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0552, 30.6761, 33.8803**, and the grayscale version is **20.8949, 21.9831, 23.9396**.

A 20% lighter version of the original color is **49.2881, 45.0287, 46.6511**, and **9.2477, 7.5166, 7.4420** is the 20% darker color. If you saturate the color by 10%, you get **21.5838, 17.4400, 16.9779**, and if you desaturate by 10%, it is **26.8463, 25.3557, 26.7758**.

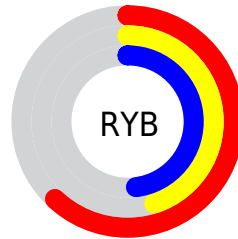
Distribution



Red (62%)

Green (45%)

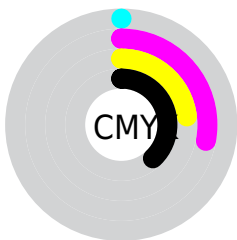
Blue (48%)



Red (62%)

Yellow (45%)

Blue (48%)

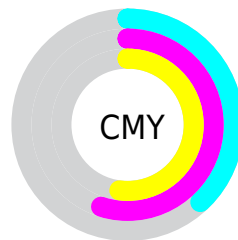


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0040, 21.0625, 21.5392 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 24.0040, 21.0625, 21.5392 by changing the saturation by 10% instead.

■ 24.0040, 21.0625,
21.5392

■ 24.0040, 21.0625,
21.5392

265.2808,
257.6105, 273.0049

■ 15.4613, 13.1697,
13.3236

■ 49.4914, 45.1915,
46.8756

■ 9.2322, 7.5455,
7.5184

■ 67.1668, 62.1965,
64.8335

■ 4.9513, 3.8055,
3.7051

■ 88.6171, 83.0077,
86.8759

■ 2.2532, 1.5654,
1.4650

■ 114.2078,
108.0095, 113.4214

■ 0.7705, 0.3341,
0.1916

144.3042,
137.5863, 144.8885

■ 0.0000, 0.0000,
0.0000

179.2715,

172.1225, 181.6958

219.4753,
212.0024, 224.2617

■ 24.0040, 21.0625,
21.5392

■ 24.0040, 21.0625,
21.5392

■ 21.5838, 17.4400,
16.9779

■ 26.8463, 25.3557,
26.7758

■ 19.5638, 14.4515,
13.0628

■ 30.1280, 30.3482,
32.7124

■ 17.9225, 12.0612,
9.7649

■ 33.8673, 36.0702,
39.3742

■ 16.6358, 10.2285,
7.0521

■ 38.0810, 42.5496,
46.7845

■ 15.6766, 8.9079,
4.8895

■ 42.7851, 49.8125,
54.9657

■ 15.0139, 8.0464,
3.2384

■ 47.9946, 57.8841,
63.9394

■ 14.5981, 7.5553,
2.0504

■ 53.7242, 66.7881,
73.7261

■ 14.5187, 7.4592,
1.8304

■ 59.9876, 76.5476,
84.3456

■ 65.8000, 85.1877,
95.4844

Harmonies

Analogous

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



23.7192, 21.0625, 27.3182



24.0040, 21.0625, 21.5392



23.1670, 21.0625, 16.9486

Triad

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



24.0040, 21.0625, 21.5392



17.8029, 21.0625, 15.3793



18.6110, 21.0625, 34.4616

Complementary

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



24.0040, 21.0625, 21.5392



25.0552, 30.6761, 33.8803

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.



17.1705, 21.0625, 30.1835



24.0040, 21.0625, 21.5392



16.7256, 21.0625, 19.0450

Square

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



24.0040, 21.0625, 21.5392



19.5263, 21.0625, 13.7908



16.5019, 21.0625, 24.3867



20.5205, 21.0625, 35.4223

Rectangle

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



24.0040, 21.0625, 21.5392



22.1157, 21.0625, 14.9586



16.5019, 21.0625, 24.3867



18.0597, 21.0625, 33.3335

Sweetspot

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



24.0046, 21.0635, 21.5396



53.6546, 53.8904, 58.0432



25.1396, 21.3387, 35.5949



11.8952, 11.8428, 12.7241



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.0046, 21.0635, 21.5396



40.3187, 33.7164, 33.5663



25.2348, 24.2926, 19.5798



6.6799, 6.6649, 7.1653



11.4790, 5.8962, 1.5077



0.2172, 0.1102, 0.0897

Inverse Universe

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



24.0046, 21.0635, 21.5396



40.3187, 33.7164, 33.5663



23.4647, 26.4200, 36.6640



6.6799, 6.6649, 7.1653



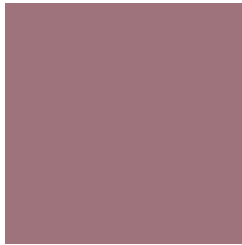
11.4790, 5.8962, 1.5077



0.2172, 0.1102, 0.0897

Previews

White Background



This preview shows how the XYZ color 24.0040, 21.0625, 21.5392 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 24.0040, 21.0625, 21.5392 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 24.0040, 21.0625, 21.5392

Background



This preview shows how black text looks on a background with the XYZ color 24.0040, 21.0625, 21.5392.



This preview shows how white text looks on a background with the XYZ color 24.0040, 21.0625,

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

24.0040, 21.0625, 21.5392

Protanopia

20.3254, 21.0959, 23.7695

Deuteranopia

21.5803, 21.2338, 21.3735



Tritanopia

24.0669, 21.0876, 21.8706

Trichromacy



Original Color

24.0040, 21.0625, 21.5392

Protanomaly

21.4378, 20.9403, 22.9907

Deuteranomaly

22.4421, 21.1340, 21.3088

Tritanomaly

24.0669, 21.0876, 21.8706

Monochromacy



Original Color

24.0040, 21.0625, 21.5392

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.8536, 21.5231, 23.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0040, 21.0625, 21.5392 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(159, 115, 123)` looks like.

```
.text, #text, p{  
    color:rgb(159, 115, 123)  
}
```

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(159, 115, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 115, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.0040, 21.0625, 21.5392 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(159, 115, 123) }
```


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

```
.border{ border-color:rgb(159, 115, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 115, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 115, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 115, 123);  
box-shadow:4px 4px 4px 4px rgb(159, 115,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0040, 21.0625, 21.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 115, 123) }
```

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

```
.background{ background-color: rgb(159,  
115, 123) }
```

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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