

Converting Colors

XYZ(20.8673, 20.9268, 19.6385)

Have a look what the booklet for
XYZ(20.8673, 20.9268, 19.6385)
contains.

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Color

**XYZ(20.9413, 20.9392,
19.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7B75
RGB	139, 123, 117
RGB Percent	55%, 48%, 46%
CMY	0.4549, 0.5176, 0.5412
CMYK	0.00, 0.12, 0.16, 0.45
HSL	16°, 9%, 50%
HSV	16°, 16%, 55%
XYZ	20.9413, 20.9392, 19.7676
YIQ	127.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

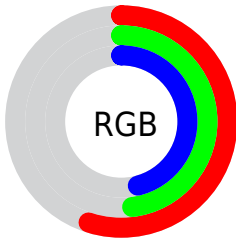
Format	Color
R_{YB}	139, 125, 117
Decimal	9141109
CIE _{Lab}	52.88, 5.08, 5.52
CIE _{LCh}	53, 7.499, 47.355
Yxy	20.9392, 0.3397, 0.3397
Android (android.graphics.Color)	4287331189 (0xFF8B7B75)
YUV	127.1000, -4.9793, 10.4363
Hunter-Lab	45.7594, 1.6098, 6.4189

Details

The XYZ color **20.9413, 20.9392, 19.7676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3838, 22.4207, 27.6796**, and the grayscale version is **20.2214, 21.2745, 23.1679**.

A 20% lighter version of the original color is **44.4837, 44.8620, 43.8508**, and **7.6428, 7.4511, 6.6656** is the 20% darker color. If you saturate the color by 10%, you get **18.9943, 18.2573, 15.3815**, and if you desaturate by 10%, it is **23.1403, 23.9305, 24.8370**.

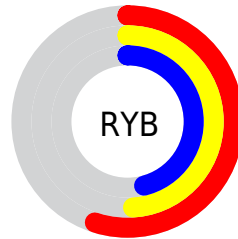
Distribution



Red (55%)

Green (48%)

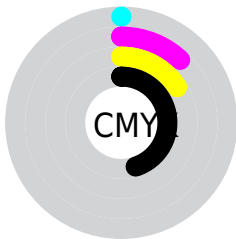
Blue (46%)



Red (55%)

Yellow (49%)

Blue (46%)

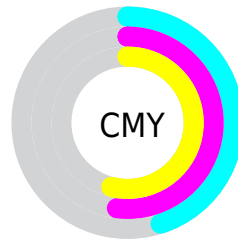


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9413, 20.9392, 19.7676 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 20.9413, 20.9392, 19.7676 by changing the saturation by 10% instead.

■ 20.9413, 20.9392,
19.7676

■ 20.9413, 20.9392,
19.7676

249.7040,
256.9552, 263.2167

■ 13.1933, 13.0796,
12.0438

■ 44.4818, 44.9863,
43.8810

■ 7.6397, 7.4834,
6.6506

■ 61.0051, 61.9426,
61.1078

■ 3.9151, 3.7662,
3.1695

■ 81.1842, 82.6999,
82.3393

■ 1.6542, 1.5436,
1.1818

105.3844,
107.6426, 107.9940

■ 0.4274, 0.3192,
0.0000

133.9711,
137.1551, 138.4906

■ 0.0000, 0.0000,
0.0000

167.3097,

171.6217, 174.2476

205.7656,
211.4270, 215.6834

■ 20.9413, 20.9392,
19.7676

■ 20.9413, 20.9392,
19.7676

■ 18.9943, 18.2573,
15.3815

■ 23.1403, 23.9305,
24.8370

■ 17.2884, 15.8721,
11.6479

■ 25.5984, 27.2378,
30.6160

■ 15.8142, 13.7739,
8.5359

■ 28.3244, 30.8712,
37.1310

■ 14.5614, 11.9516,
6.0111

■ 31.3262, 34.8394,
44.4068

■ 13.5184, 10.3934,
4.0362

■ 34.6115, 39.1508,
52.4669

■ 12.6727, 9.0865,
2.5693

■ 38.1875, 43.8133,
61.3340

■ 12.0104, 8.0168,
1.5623

■ 42.0614, 48.8348,
71.0296

■ 11.5124, 7.1678,
0.9433

■ 46.2398, 54.2229,
81.5745

■ 11.3383, 6.8704,
0.7285

■ 50.7293, 59.9848,
92.9889

Harmonies

Analogous

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



21.3765, 20.9392, 21.5350



20.9413, 20.9392, 19.7676



20.2340, 20.9392, 18.8393

Triad

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



20.9413, 20.9392, 19.7676



18.4666, 20.9392, 21.8668



20.3553, 20.9392, 27.1750

Complementary

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



20.9413, 20.9392, 19.7676



20.3838, 22.4207, 27.6796

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.



19.5738, 20.9392, 27.2784



20.9413, 20.9392, 19.7676



18.4971, 20.9392, 24.1120

Square

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



20.9413, 20.9392, 19.7676



18.8133, 20.9392, 19.9967



18.8978, 20.9392, 26.1260



21.0321, 20.9392, 25.8521

Rectangle

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



20.9413, 20.9392, 19.7676



19.7096, 20.9392, 18.7784



18.8978, 20.9392, 26.1260



20.0958, 20.9392, 27.3565

Sweetspot

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



20.9419, 20.9401, 19.7680



41.7404, 43.2613, 45.1788



21.2519, 19.9090, 24.9616



9.5581, 9.8874, 10.2706



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.9419, 20.9401, 19.7680



36.2013, 35.7144, 32.4457



22.3653, 23.7869, 20.2425



5.1367, 5.2563, 5.2962



10.2461, 6.2266, 0.6618



0.0789, 0.0631, 0.0080

Inverse Universe

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



20.3838, 22.4207, 27.6796



35.0044, 38.8866, 49.4039



18.9725, 19.5981, 27.2092



5.0594, 5.4617, 6.3934



8.4275, 10.1254, 23.5559



0.0682, 0.0917, 0.1606

Previews

White Background



This preview shows how the XYZ color 20.9413, 20.9392, 19.7676 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 20.9413, 20.9392, 19.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

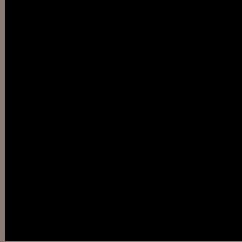
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9413, 20.9392, 19.7676

Background



This preview shows how black text looks on a background with the XYZ color 20.9413, 20.9392, 19.7676.



This preview shows how white text looks on a background with the XYZ color 20.9413, 20.9392,

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

20.9413, 20.9392, 19.7676

Protanopia

19.9965, 20.9994, 20.4521

Deuteranopia

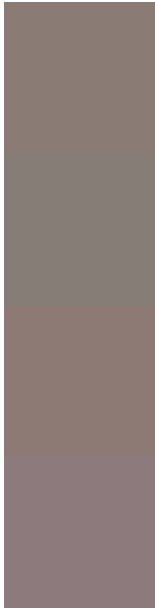
21.3257, 20.9542, 19.7502



Tritanopia

21.8511, 20.9492, 24.0110

Trichromacy



Original Color

20.9413, 20.9392, 19.7676

Protanomaly

20.2765, 20.9618, 20.1169

Deuteranomaly

21.1549, 20.8661, 19.7422

Tritanomaly

21.4764, 20.9752, 22.3187

Monochromacy



Original Color

20.9413, 20.9392, 19.7676

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3961, 21.1771, 21.7515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9413, 20.9392, 19.7676 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(139, 123, 117)` looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 117)  
}
```

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(139, 123, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.9413, 20.9392, 19.7676 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(139, 123, 117) }
```


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

```
.border{ border-color:rgb(139, 123, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 123, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 123, 117);  
box-shadow:4px 4px 4px 4px rgb(139, 123,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9413, 20.9392, 19.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 117) }
```

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

```
.background{ background-color: rgb(139,  
123, 117) }
```

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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