

Converting Colors

XYZ(10.9242, 10.4197, 7.3210)

Have a look what the booklet for
XYZ(10.9242, 10.4197, 7.3210)
contains.

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Color

**XYZ(10.8955, 10.4255,
7.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5647
RGB	110, 86, 71
RGB Percent	43%, 34%, 28%
CMY	0.5686, 0.6627, 0.7216
CMYK	0.00, 0.22, 0.35, 0.57
HSL	23°, 22%, 35%
HSV	23°, 35%, 43%
XYZ	10.8955, 10.4255, 7.3993
YIQ	91.4660, 19.1190, 0.4230

Conversions

Conversions Part 2

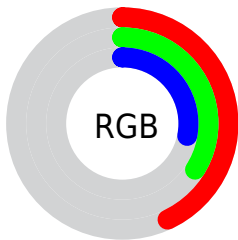
Format	Color
R_{YB}	110, 95, 71
Decimal	7231047
CIE Lab	38.60, 7.56, 12.51
CIE LCh	39, 14.622, 58.855
Yxy	10.4255, 0.3794, 0.3630
Android (android.graphics.Color)	4285421127 (0xFF6E5647)
YUV	91.4660, -10.0897, 16.2543
Hunter-Lab	32.2885, 3.7284, 9.0150




Details

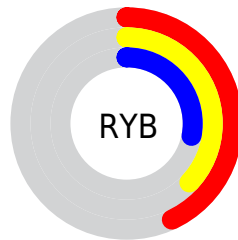
The XYZ color **10.8955, 10.4255, 7.3993** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.5050, 10.6494, 16.3064**, and the grayscale version is **10.0696, 10.5941, 11.5369**.




A 20% lighter version of the original color is **27.0342, 26.6216, 21.1664**, and **2.9152, 2.6571, 1.3961** is the 20% darker color. If you saturate the color by 10%, you get **10.0589, 9.2671, 5.5336**, and if you desaturate by 10%, it is **11.8477, 11.7128, 9.6192**.

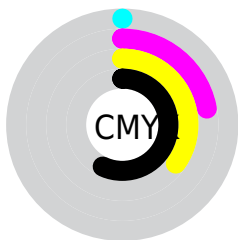
Distribution







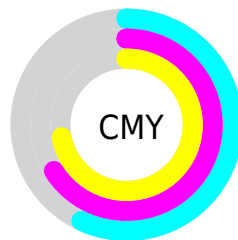
-  Red (43%)
-  Green (34%)
-  Blue (28%)






-  Red (43%)
-  Yellow (37%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (35%)
-  Black (57%)





-  Cyan (57%)
-  Magenta (66%)
-  Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8955, 10.4255, 7.3993 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 10.8955, 10.4255, 7.3993 by changing the saturation by 10% instead.


 10.8955, 10.4255,
7.3993


 10.8955, 10.4255,
7.3993


190.8723,
193.6825, 180.6964


 6.0634, 5.6820,
3.6308


 27.1014, 26.5928,
21.2985


 2.9247, 2.6527,
1.4251

 39.2060, 38.7854,
32.2663


 1.1141, 0.9532,
0.1612

 54.4653, 54.2298,
46.4710

 0.0368, 0.0000,
0.0000

 73.2449, 73.3103,
64.3311

 0.0000, 0.0000,
0.0000

 95.9100, 96.4115,
86.2652

122.8261,

123.9177, 112.6917

154.3584,
156.2132, 144.0293

■ 10.8955, 10.4255,
7.3993

■ 10.8955, 10.4255,
7.3993

■ 10.0589, 9.2671,
5.5336

■ 11.8477, 11.7128,
9.6192

■ 9.3324, 8.2320,
4.0029

■ 12.9194, 13.1317,
12.2098

■ 8.7108, 7.3161,
2.7868

■ 14.1150, 14.6862,
15.1877

■ 8.1885, 6.5148,
1.8629

■ 15.4386, 16.3802,
18.5679

■ 7.7591, 5.8227,
1.2052

■ 16.8942, 18.2171,
22.3647

■ 7.4112, 5.2328,
0.7630

■ 18.4854, 20.2003,
26.5919

■ 7.2696, 4.9934,
0.5807

■ 20.2157, 22.3331,
31.2625

■ 22.0886, 24.6185,
36.3888

■ 24.1073, 27.0596,
41.9829

Harmonies

Analogous

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



11.6166, 10.4255, 8.9852



10.8955, 10.4255, 7.3993



9.9461, 10.4255, 6.8415

Triad

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



10.8955, 10.4255, 7.3993



8.1747, 10.4255, 11.2462



10.8275, 10.4255, 16.6438

Complementary

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



10.8955, 10.4255, 7.3993



9.5050, 10.6494, 16.3064

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.



9.8723, 10.4255, 17.5045



10.8955, 10.4255, 7.3993



8.3778, 10.4255, 14.1007

Square

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



10.8955, 10.4255, 7.3993



8.4108, 10.4255, 8.8295



8.9842, 10.4255, 16.5078



11.5756, 10.4255, 14.3133

Rectangle

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



10.8955, 10.4255, 7.3993



9.3241, 10.4255, 7.0453



8.9842, 10.4255, 16.5078



10.5181, 10.4255, 17.1298

Sweetspot

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



10.8958, 10.4260, 7.3995



23.5358, 24.1685, 23.5346



10.7515, 8.6487, 11.9411



5.4308, 5.5640, 5.3622



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.8958, 10.4260, 7.3995



17.8465, 16.5285, 10.1124



12.6653, 13.9650, 7.9893



3.4800, 3.5924, 3.5833



8.7060, 5.9445, 0.6885



42.5872, 28.0496, 3.1695

Inverse Universe

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



9.5050, 10.6494, 16.3064



14.9883, 16.9803, 28.3948



7.9666, 7.5726, 15.7936



3.3724, 3.6101, 4.2733



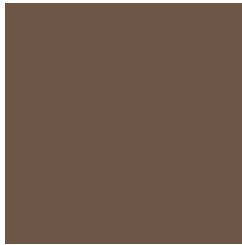
5.8129, 6.2161, 18.6151



28.1031, 29.2580, 92.4453

Previews

White Background



This preview shows how the XYZ color 10.8955, 10.4255, 7.3993 looks on a white 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

Black Background



This preview shows how the XYZ color 10.8955, 10.4255, 7.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

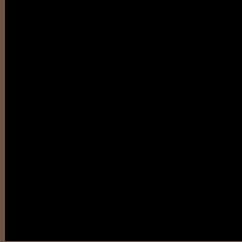
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8955, 10.4255, 7.3993

Background



This preview shows how black text looks on a background with the XYZ color 10.8955, 10.4255, 7.3993.



This preview shows how white text looks on a background with the XYZ color 10.8955, 10.4255,

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

10.8955, 10.4255, 7.3993

Protanopia

9.8734, 10.5046, 7.8105

Deuteranopia

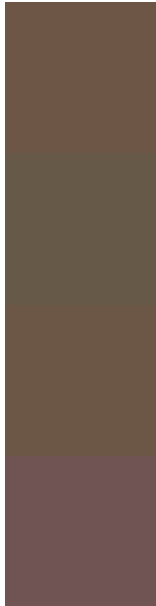
10.6089, 10.3971, 7.4089



Tritanopia

11.6208, 10.3694, 11.0619

Trichromacy



Original Color

10.8955, 10.4255, 7.3993

Protanomaly

10.2216, 10.4374, 7.6068

Deuteranomaly

10.7299, 10.4595, 7.4146

Tritanomaly

11.2872, 10.3447, 9.5854

Monochromacy



Original Color

10.8955, 10.4255, 7.3993

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.2096, 10.3815, 9.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8955, 10.4255, 7.3993 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(110, 86, 71)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 71)  
}
```

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(110, 86, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 71) }
```

Border

The CSS property to change the border of an element to XYZ 10.8955, 10.4255, 7.3993 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(110, 86, 71) }
```


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

```
.border{ border-color:rgb(110, 86, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 86, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 86, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 86, 71);  
box-shadow:4px 4px 4px 4px rgb(110, 86,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8955, 10.4255, 7.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 71) }
```

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

```
.background{ background-color: rgb(110, 86,  
71) }
```

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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