

Converting Colors

XYZ(10.5854, 7.4808, 4.6402)

Have a look what the booklet for
XYZ(10.5854, 7.4808, 4.6402)
contains.

XYZ(10.5854, 7.4738, 4.6261)	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(10.5854, 7.4738,
4.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3838
RGB	125, 56, 56
RGB Percent	49%, 22%, 22%
CMY	0.5098, 0.7804, 0.7804
CMYK	0.00, 0.55, 0.55, 0.51
HSL	0°, 38%, 35%
HSV	0°, 55%, 49%
XYZ	10.5854, 7.4738, 4.6261
YIQ	76.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

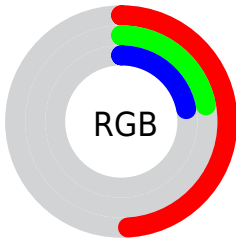
Format	Color
R _Y B	125, 56, 56
Decimal	8206392
CIE Lab	32.86, 29.95, 14.46
CIE LCh	33, 33.256, 25.767
Yxy	7.4738, 0.4666, 0.3295
Android (android.graphics.Color)	4286396472 (0xFF7D3838)
YUV	76.6310, -10.1711, 42.4196
Hunter-Lab	27.3383, 21.2734, 9.1039

Details

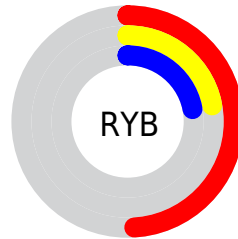
The XYZ color **10.5854, 7.4738, 4.6261** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12.6658, 16.9878, 22.0133**, and the grayscale version is **6.9987, 7.3632, 8.0186**.

A 20% lighter version of the original color is **26.5558, 20.9062, 15.4676**, and **2.8211, 1.5587, 0.5329** is the 20% darker color. If you saturate the color by 10%, you get **9.7850, 6.3027, 3.0348**, and if you desaturate by 10%, it is **11.6138, 8.9788, 6.6703**.

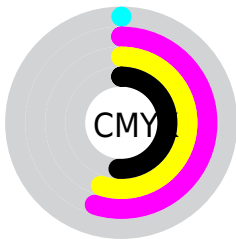
Distribution



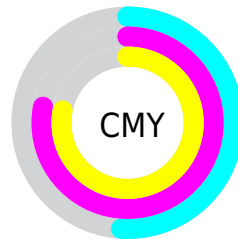
- Red (49%)
- Green (22%)
- Blue (22%)



- Red (49%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5854, 7.4738, 4.6261 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 10.5854, 7.4738, 4.6261 by changing the saturation by 10% instead.

10.5854, 7.4738,
4.6261

10.5854, 7.4738,
4.6261

188.7683,
171.5445, 154.9492

5.8540, 3.7601,
1.9747

26.5307, 20.9202,
15.4298

2.7963, 1.5403,
0.5397

38.4753, 31.4218,
24.4192

1.0470, 0.3168,
0.0000

53.5551, 44.9547,
36.3583

0.0000, 0.0000,
0.0000

72.1354, 61.9035,
51.6657

94.5814, 82.6525,
70.7600

121.2587,

107.5860, 94.0596

152.5325,
137.0886, 121.9832

■ 10.5854, 7.4738,
4.6261

■ 10.5854, 7.4738,
4.6261

■ 9.7850, 6.3027,
3.0348

■ 11.6138, 8.9788,
6.6703

■ 9.1948, 5.4391,
1.8616

■ 12.8853, 10.8393,
9.1978

■ 8.7953, 4.8545,
1.0674

■ 14.4140, 13.0763,
12.2369

■ 8.5555, 4.5035,
0.5907

■ 16.2131, 15.7090,
15.8135

■ 8.4575, 4.3601,
0.3958

■ 18.2948, 18.7551,
19.9518

■ 20.6705, 22.2314,
24.6746

■ 23.3510, 26.1537,
30.0033

■ 26.3465, 30.5369,
35.9584

■ 29.6669, 35.3955,
42.5592

Harmonies

Analogous

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



11.0156, 7.4738, 8.8700



10.5854, 7.4738, 4.6261



9.1698, 7.4738, 2.4876

Triad

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



10.5854, 7.4738, 4.6261



4.6690, 7.4738, 3.8311



6.8581, 7.4738, 22.0286

Complementary

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



10.5854, 7.4738, 4.6261



12.6658, 16.9878, 22.0133

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.



5.3738, 7.4738, 18.9885



10.5854, 7.4738, 4.6261



4.2485, 7.4738, 7.4469

Square

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



10.5854, 7.4738, 4.6261



5.7389, 7.4738, 2.1785



4.4837, 7.4738, 13.0871



8.6691, 7.4738, 20.2676

Rectangle

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



10.5854, 7.4738, 4.6261



7.9635, 7.4738, 1.9148



4.4837, 7.4738, 13.0871



6.3080, 7.4738, 21.5092

Sweetspot

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



10.5856, 7.4742, 4.6262



28.2785, 27.0256, 26.8164



13.5733, 8.6690, 20.3598



6.3137, 5.9738, 5.8639



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.5856, 7.4742, 4.6262



17.2363, 10.8676, 4.8653



12.8697, 12.0425, 5.3876



4.3278, 4.3443, 4.5306



8.8271, 4.5506, 0.4131



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.6658, 16.9878, 22.0133



21.3631, 29.7414, 39.3591



9.0311, 9.7184, 20.8018



4.4464, 4.8869, 5.5222



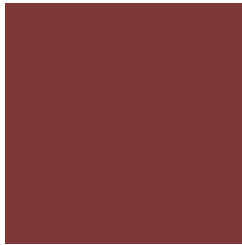
11.5168, 16.8522, 22.8957



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.5854, 7.4738, 4.6261 looks on a white background.

Color Contrast Check

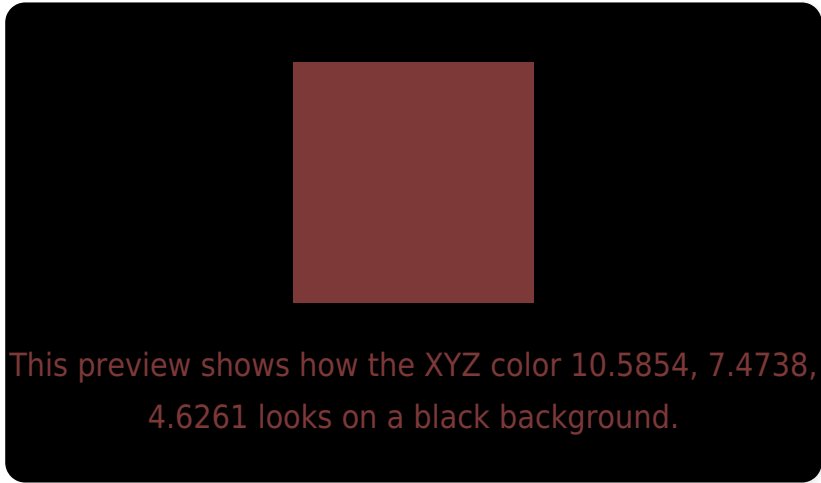
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

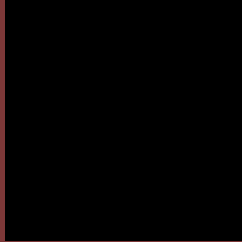
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5854, 7.4738, 4.6261

Background



This preview shows how black text looks on a background with the XYZ color 10.5854, 7.4738, 4.6261.



This preview shows how white text looks on a background with the XYZ color 10.5854, 7.4738,

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

10.5854, 7.4738, 4.6261

Protanopia

7.1874, 7.6360, 6.2493

Deuteranopia

7.6729, 7.6164, 4.4339



Tritanopia

10.6131, 7.4081, 5.0082

Trichromacy



Original Color

10.5854, 7.4738, 4.6261

Protanomaly

8.0967, 7.3248, 5.5445

Deuteranomaly

8.5587, 7.4038, 4.4680

Tritanomaly

10.5874, 7.3978, 4.8729

Monochromacy



Original Color

10.5854, 7.4738, 4.6261

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

7.8184, 7.0656, 6.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5854, 7.4738, 4.6261 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(125, 56, 56)` looks like.

```
.text, #text, p{  
    color:rgb(125, 56, 56)  
}
```

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(125, 56, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 56, 56) }
```

Border

The CSS property to change the border of an element to XYZ 10.5854, 7.4738, 4.6261 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(125, 56, 56) }
```


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

```
.border{ border-color:rgb(125, 56, 56) }
```

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

Here you see how a box with a 4 pixel rgb(125, 56, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 56, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 56, 56);  
box-shadow:4px 4px 4px 4px rgb(125, 56,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5854, 7.4738, 4.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 56, 56) }
```

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

```
.background{ background-color: rgb(125, 56,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor