

Converting Colors

XYZ(10.3435, 7.7724, 6.2653)

Have a look what the booklet for
XYZ(10.3435, 7.7724, 6.2653)
contains.

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Color

**XYZ(10.3435, 7.7724,
6.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	773E43
RGB	119, 62, 67
RGB Percent	47%, 24%, 26%
CMY	0.5333, 0.7569, 0.7373
CMYK	0.00, 0.48, 0.44, 0.53
HSL	355°, 31%, 35%
HSV	355°, 48%, 47%
XYZ	10.3435, 7.7724, 6.2653
YIQ	79.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

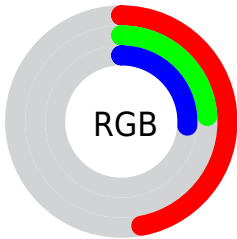
Format	Color
R_{YB}	119, 62, 67
Decimal	7814723
CIE _{Lab}	33.50, 25.33, 8.14
CIE _{LCh}	34, 26.610, 17.811
Yxy	7.7724, 0.4242, 0.3188
Android (android.graphics.Color)	4286004803 (0xFF773E43)
YUV	79.6130, -6.2182, 34.5424
Hunter-Lab	27.8790, 17.4377, 6.1910

Details

The XYZ color **10.3435, 7.7724, 6.2653** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **11.6210, 15.4329, 18.2867**, and the grayscale version is **7.5573, 7.9509, 8.6585**.

A 20% lighter version of the original color is **26.0125, 21.4909, 18.9968**, and **2.6649, 1.6298, 1.0383** is the 20% darker color. If you saturate the color by 10%, you get **9.4701, 6.4989, 4.5152**, and if you desaturate by 10%, it is **11.4201, 9.3546, 8.3847**.

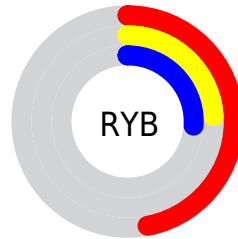
Distribution



Red (47%)

Green (24%)

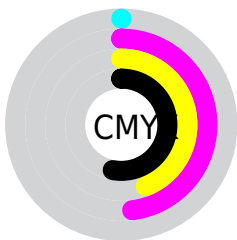
Blue (26%)



Red (47%)

Yellow (24%)

Blue (26%)

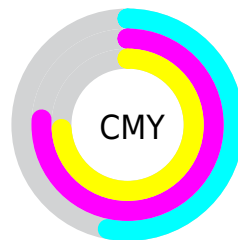


Cyan (0%)

Magenta (48%)

Yellow (44%)

Black (53%)



Cyan (53%)


Magenta (76%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.3435, 7.7724, 6.2653 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 10.3435, 7.7724, 6.2653 by changing the saturation by 10% instead.


 10.3435, 7.7724,
6.2653


 10.3435, 7.7724,
6.2653


187.1093,
173.9358, 170.8035


 5.6913, 3.9497,
2.9357

 26.0835, 21.5110,
18.9662

 2.6972, 1.6454,
1.0619

 37.9020, 32.1957,
29.1746

 0.9957, 0.3879,
0.0000

 52.8399, 45.9365,
42.5129

 0.0000, 0.0000,
0.0000

 71.2627, 63.1178,
59.3998

 93.5357, 84.1240,
80.2538

 120.0242,

109.3394, 105.4934

151.0936,
139.1486, 135.5371

■ 10.3435, 7.7724,
6.2653

■ 10.3435, 7.7724,
6.2653

■ 9.4701, 6.4989,
4.5152

■ 11.4201, 9.3546,
8.3847

■ 8.7866, 5.5129,
3.1127

■ 12.7110, 11.2626,
10.8923

■ 8.2789, 4.7922,
2.0348

■ 14.2272, 13.5137,
13.8064

■ 7.9308, 4.3112,
1.2553

■ 15.9788, 16.1235,
17.1440

■ 7.7058, 4.0046,
0.7381

■ 17.9751, 19.1068,
20.9211

■ 7.6649, 3.9448,
0.6571

■ 20.2251, 22.4774,
25.1528

■ 22.7372, 26.2486,
29.8535

■ 25.5197, 30.4329,
35.0370

■ 28.5801, 35.0424,
40.7166

Harmonies

Analogous

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



10.4316, 7.7724, 10.2465



10.3435, 7.7724, 6.2653



9.4033, 7.7724, 3.8486

Triad

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



10.3435, 7.7724, 6.2653



5.5231, 7.7724, 4.1824



6.8191, 7.7724, 18.7967

Complementary

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



10.3435, 7.7724, 6.2653



11.6210, 15.4329, 18.2867

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.



5.6825, 7.7724, 15.7864



10.3435, 7.7724, 6.2653



5.0019, 7.7724, 6.8992

Square

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



10.3435, 7.7724, 6.2653



6.5739, 7.7724, 2.9425



5.0562, 7.7724, 11.1221



8.2655, 7.7724, 18.4568

Rectangle

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



10.3435, 7.7724, 6.2653



8.4811, 7.7724, 3.0459



5.0562, 7.7724, 11.1221



6.3920, 7.7724, 18.1111

Sweetspot

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



10.3437, 7.7728, 6.2654



26.5385, 25.7792, 26.7516



11.9013, 8.3082, 18.4292



6.1610, 5.9183, 6.0948



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.3437, 7.7728, 6.2654



16.8822, 11.5273, 7.9311



11.7103, 10.7356, 6.0129



3.6958, 3.7056, 3.9248



8.1417, 4.1904, 0.6883



39.5325, 20.3631, 2.6015

Inverse Universe

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



10.3437, 7.7728, 6.2654



16.8822, 11.5273, 7.9311



9.5178, 10.7587, 19.0278



3.6958, 3.7056, 3.9248



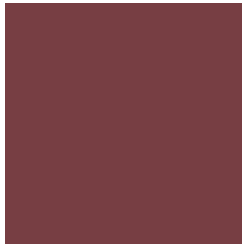
8.1417, 4.1904, 0.6883



39.5325, 20.3631, 2.6015

Previews

White Background



This preview shows how the XYZ color 10.3435, 7.7724, 6.2653 looks on a white background.

Color Contrast Check

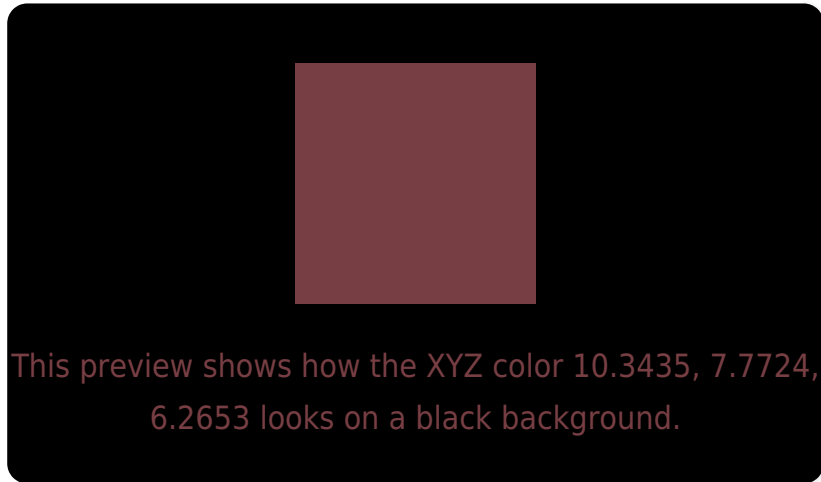
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3435, 7.7724, 6.2653

Background



This preview shows how black text looks on a background with the XYZ color 10.3435, 7.7724, 6.2653.



This preview shows how white text looks on a background with the XYZ color 10.3435, 7.7724,

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

10.3435, 7.7724, 6.2653

Protanopia

7.5802, 7.9076, 7.9643

Deuteranopia

7.9522, 7.8258, 6.0924



Tritanopia

10.3435, 7.7724, 6.2653

Trichromacy



Original Color

10.3435, 7.7724, 6.2653

Protanomaly

8.3045, 7.6790, 7.3478

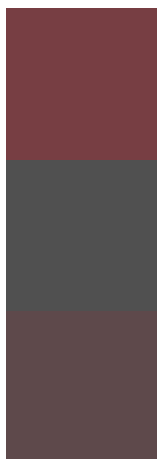
Deuteranomaly

8.7161, 7.7246, 6.1859

Tritanomaly

10.3435, 7.7724, 6.2653

Monochromacy



Original Color

10.3435, 7.7724, 6.2653

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.2686, 7.6528, 7.6979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3435, 7.7724, 6.2653 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(119, 62, 67)` looks like.

```
.text, #text, p{  
  color:rgb(119, 62, 67)  
}
```

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(119, 62, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 62, 67) }
```

Border

The CSS property to change the border of an element to XYZ 10.3435, 7.7724, 6.2653 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(119, 62, 67) }
```


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

```
.border{ border-color:rgb(119, 62, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 62, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 62, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 62, 67);  
box-shadow:4px 4px 4px 4px rgb(119, 62,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3435, 7.7724, 6.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 62, 67) }
```

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

```
.background{ background-color: rgb(119, 62,  
67) }
```

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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