

Converting Colors

XYZ(17.7437, 10.2278, 7.3111)

Have a look what the booklet for
XYZ(17.7437, 10.2278, 7.3111)
contains.

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Color

**XYZ(17.7564, 10.2440,
7.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	A62A49
RGB	166, 42, 73
RGB Percent	65%, 16%, 29%
CMY	0.3490, 0.8353, 0.7137
CMYK	0.00, 0.75, 0.56, 0.35
HSL	345°, 60%, 41%
HSV	345°, 75%, 65%
XYZ	17.7564, 10.2440, 7.3447
YIQ	82.6100, 63.9530, 35.9290

Conversions

Conversions Part 2

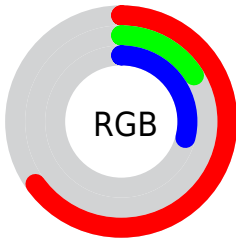
Format	Color
R_{YB}	166, 42, 73
Decimal	10889801
CIE _{Lab}	38.28, 51.88, 12.17
CIE _{LCh}	38, 53.286, 13.198
Yxy	10.2440, 0.5024, 0.2898
Android (android.graphics.Color)	4289079881 (0xFFA62A49)
YUV	82.6100, -4.7377, 73.1330
Hunter-Lab	32.0062, 43.0171, 8.7987

Details

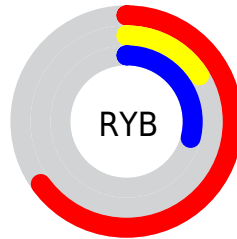
The XYZ color **17.7564, 10.2440, 7.3447** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18.9652, 29.5142, 27.6223**, and the grayscale version is **8.1439, 8.5680, 9.3306**.

A 20% lighter version of the original color is **39.1829, 26.2846, 21.0974**, and **6.4187, 3.2819, 1.5235** is the 20% darker color. If you saturate the color by 10%, you get **16.9124, 9.1519, 5.2266**, and if you desaturate by 10%, it is **18.9274, 11.8580, 9.9798**.

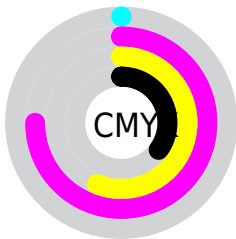
Distribution



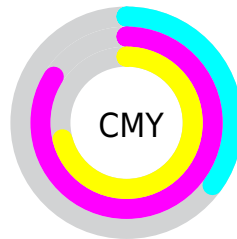
- Red (65%)
- Green (16%)
- Blue (29%)



- Red (65%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (75%)
- Yellow (56%)
- Black (35%)





- Cyan (35%)
- Magenta (84%)
- Yellow (71%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7564, 10.2440, 7.3447 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 17.7564, 10.2440, 7.3447 by changing the saturation by 10% instead.


 17.7564, 10.2440,
7.3447


 17.7564, 10.2440,
7.3447


232.5666,
192.4048, 180.2361


 10.8739, 5.5610,
3.5969


 39.1551, 26.2534,
21.1879


 6.0487, 2.5801,
1.4069


 54.4021, 38.3487,
32.1204


 2.9157, 0.9166,
0.1471

 73.1678, 53.6835,
46.2849

 1.1093, 0.0000,
0.0000

 95.8178, 72.6423,
64.1000

 0.0329, 0.0000,
0.0000

 122.7173, 95.6094,
85.9841

 0.0000, 0.0000,
0.0000

 154.2317,

122.9693, 112.3557

190.7263,
155.1063, 143.6336

■ 17.7564, 10.2440,
7.3447

■ 17.7564, 10.2440,
7.3447

■ 16.9124, 9.1519,
5.2266

■ 18.9274, 11.8580,
9.9798

■ 16.3569, 8.5124,
3.5879

■ 20.4560, 14.0476,
13.1643

■ 16.1346, 8.2705,
2.8889

■ 22.3701, 16.8618,
16.9284

■ 24.6945, 20.3438,
21.2997

■ 27.4517, 24.5330,
26.3043

■ 30.6628, 29.4657,
31.9663

■ 34.3472, 35.1757,
38.3088

■ 38.5235, 41.6947,
45.3537

■ 43.2090, 49.0526,
53.1219

Harmonies

Analogous

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



17.5953, 10.2440, 17.6180



17.7564, 10.2440, 7.3447



15.4365, 10.2440, 2.5345

Triad

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



17.7564, 10.2440, 7.3447



5.8556, 10.2440, 2.2319



7.9373, 10.2440, 41.1439

Complementary

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



17.7564, 10.2440, 7.3447



18.9652, 29.5142, 27.6223

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.



5.6474, 10.2440, 29.9410



17.7564, 10.2440, 7.3447



4.6554, 10.2440, 6.5031

Square

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



17.7564, 10.2440, 7.3447



8.2952, 10.2440, 0.9870



4.5895, 10.2440, 16.0944



11.3360, 10.2440, 41.8887

Rectangle

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



17.7564, 10.2440, 7.3447



13.0551, 10.2440, 1.3264



4.5895, 10.2440, 16.0944



7.0343, 10.2440, 38.2688

Sweetspot

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



17.7567, 10.2446, 7.3449



51.0799, 46.4491, 49.9805



17.7032, 9.5608, 36.9884



11.1124, 9.9074, 10.6172



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.7567, 10.2446, 7.3449



29.9409, 15.7226, 7.3229



18.5269, 13.0402, 3.7320



7.6052, 7.5719, 8.2381



12.5281, 6.4199, 2.3264



0.3246, 0.1641, 0.1610

Inverse Universe

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



17.7567, 10.2446, 7.3449



29.9409, 15.7226, 7.3229



16.5024, 20.5741, 39.1775



7.6052, 7.5719, 8.2381



12.5281, 6.4199, 2.3264



0.3246, 0.1641, 0.1610

Previews

White Background



This preview shows how the XYZ color 17.7564, 10.2440, 7.3447 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



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 17.7564, 10.2440, 7.3447

Background



This preview shows how black text looks on a background with the XYZ color 17.7564, 10.2440, 7.3447.



This preview shows how white text looks on a background with the XYZ color 17.7564, 10.2440,

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

17.7564, 10.2440, 7.3447

Protanopia

10.2131, 10.5694, 12.8111

Deuteranopia

10.6057, 10.4098, 6.7605



Tritanopia

17.0879, 10.2541, 3.9843

Trichromacy



Original Color

17.7564, 10.2440, 7.3447

Protanomaly

11.6152, 9.3212, 10.4195

Deuteranomaly

12.3807, 9.6033, 6.8313

Tritanomaly

17.2192, 10.1816, 5.0607

Monochromacy



Original Color

17.7564, 10.2440, 7.3447

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

10.2885, 8.2095, 8.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7564, 10.2440, 7.3447 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(166, 42, 73)` looks like.

```
.text, #text, p{  
    color:rgb(166, 42, 73)  
}
```

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(166, 42, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 42, 73) }
```

Border

The CSS property to change the border of an element to XYZ 17.7564, 10.2440, 7.3447 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(166, 42, 73) }
```


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

```
.border{ border-color:rgb(166, 42, 73) }
```

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

Here you see how a box with a 4 pixel rgb(166, 42, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 42, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 42, 73);  
box-shadow:4px 4px 4px 4px rgb(166, 42,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7564, 10.2440, 7.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 42, 73) }
```

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

```
.background{ background-color: rgb(166, 42,  
73) }
```

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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