

Converting Colors

XYZ(17.9499, 10.5875, 7.2840)

Have a look what the booklet for
XYZ(17.9499, 10.5875, 7.2840)
contains.

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Color

**XYZ(17.8726, 10.5289,
7.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	A62E48
RGB	166, 46, 72
RGB Percent	65%, 18%, 28%
CMY	0.3490, 0.8196, 0.7176
CMYK	0.00, 0.72, 0.57, 0.35
HSL	347°, 57%, 42%
HSV	347°, 72%, 65%
XYZ	17.8726, 10.5289, 7.2212
YIQ	84.8440, 63.1740, 33.5260

Conversions

Conversions Part 2

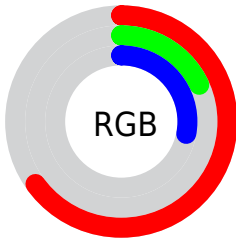
Format	Color
R_{YB}	166, 46, 72
Decimal	10890824
CIE _{Lab}	38.78, 50.35, 13.48
CIE _{LCh}	39, 52.126, 14.993
Yxy	10.5289, 0.5017, 0.2956
Android (android.graphics.Color)	4289080904 (0xFFA62E48)
YUV	84.8440, -6.3321, 71.1738
Hunter-Lab	32.4483, 41.5339, 9.5191

Details

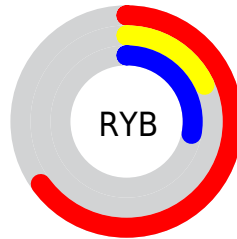
The XYZ color **17.8726, 10.5289, 7.2212** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **19.4975, 29.7470, 29.5281**, and the grayscale version is **8.6063, 9.0545, 9.8603**.

A 20% lighter version of the original color is **39.4079, 26.8322, 20.8714**, and **6.4061, 3.2769, 1.4573** is the 20% darker color. If you saturate the color by 10%, you get **16.9646, 9.3216, 5.0423**, and if you desaturate by 10%, it is **19.1216, 12.2747, 9.9567**.

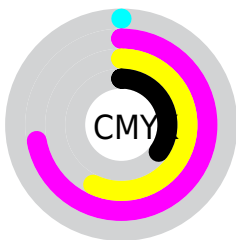
Distribution



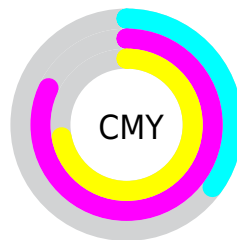
- Red (65%)
- Green (18%)
- Blue (28%)



- Red (65%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (72%)
- Yellow (57%)
- Black (35%)





- Cyan (35%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8726, 10.5289, 7.2212 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 17.8726, 10.5289, 7.2212 by changing the saturation by 10% instead.


 17.8726, 10.5289,
7.2212


 17.8726, 10.5289,
7.2212


233.2115,
194.4064, 179.1893


 10.9577, 5.7510,
3.5203


 39.3519, 26.7857,
20.9372


 6.1055, 2.6943,
1.3660


 54.6470, 39.0333,
31.7895


 2.9506, 0.9743,
0.1150

 73.4662, 54.5397,
45.8625

 1.1277, 0.0000,
0.0000

 96.1749, 73.6893,
63.5749

 0.0481, 0.0000,
0.0000

 123.1384, 96.8663,
85.3453

 0.0000, 0.0000,
0.0000

 154.7221,

124.4552, 111.5921

191.2914,
156.8404, 142.7340

■ 17.8726, 10.5289,
7.2212

■ 17.8726, 10.5289,
7.2212

■ 16.9646, 9.3216,
5.0423

■ 19.1216, 12.2747,
9.9567

■ 16.3603, 8.5871,
3.3792

■ 20.7419, 14.6111,
13.2845

■ 16.0436, 8.2341,
2.4095

■ 22.7612, 17.5858,
17.2374

■ 25.2043, 21.2413,
21.8460

■ 28.0941, 25.6164,
27.1387

■ 31.4515, 30.7470,
33.1420

■ 35.2964, 36.6665,
39.8813

■ 39.6473, 43.4063,
47.3804

■ 44.5220, 50.9962,
55.6624

Harmonies

Analogous

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



17.8720, 10.5289, 17.1157



17.8726, 10.5289, 7.2212



15.4649, 10.5289, 2.5991

Triad

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



17.8726, 10.5289, 7.2212



6.0145, 10.5289, 2.5978



8.3873, 10.5289, 41.3119

Complementary

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



17.8726, 10.5289, 7.2212



19.4975, 29.7470, 29.5281

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.



6.0137, 10.5289, 30.8042



17.8726, 10.5289, 7.2212



4.8734, 10.5289, 7.2178

Square

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



17.8726, 10.5289, 7.2212



8.3888, 10.5289, 1.1664



4.8731, 10.5289, 17.1096



11.8219, 10.5289, 41.3149

Rectangle

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



17.8726, 10.5289, 7.2212



13.0791, 10.5289, 1.4312



4.8731, 10.5289, 17.1096



7.4588, 10.5289, 38.7076

Sweetspot

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



17.8729, 10.5295, 7.2214



50.9177, 46.3842, 49.1266



18.6757, 10.2834, 37.0768



11.0731, 9.8917, 10.4104



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.



17.8729, 10.5295, 7.2214



30.0354, 15.9824, 7.1362



19.0882, 14.0425, 4.2901



7.5952, 7.5679, 8.1853



12.4559, 6.3911, 1.9463



0.3209, 0.1626, 0.1414

Inverse Universe

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



17.8729, 10.5295, 7.2214



30.0354, 15.9824, 7.1362



16.2616, 19.8373, 39.0481



7.5952, 7.5679, 8.1853



12.4559, 6.3911, 1.9463



0.3209, 0.1626, 0.1414

Previews

White Background



This preview shows how the XYZ color 17.8726, 10.5289, 7.2212 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 17.8726, 10.5289, 7.2212

Background



This preview shows how black text looks on a background with the XYZ color 17.8726, 10.5289, 7.2212.



This preview shows how white text looks on a background with the XYZ color 17.8726, 10.5289,

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

17.8726, 10.5289, 7.2212

Protanopia

10.3617, 10.7896, 12.1262

Deuteranopia

10.9035, 10.6878, 6.6425



Tritanopia

17.2775, 10.5285, 4.3704

Trichromacy



Original Color

17.8726, 10.5289, 7.2212

Protanomaly

11.9415, 9.6971, 10.0464

Deuteranomaly

12.6319, 9.9283, 6.7194

Tritanomaly

17.4048, 10.5117, 5.2493

Monochromacy



Original Color

17.8726, 10.5289, 7.2212

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.6406, 8.6631, 8.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8726, 10.5289, 7.2212 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, 46, 72)` looks like.

```
.text, #text, p{  
    color:rgb(166, 46, 72)  
}
```

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, 46, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 46, 72) }
```

Border

The CSS property to change the border of an element to XYZ 17.8726, 10.5289, 7.2212 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, 46, 72) }
```


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

```
.border{ border-color:rgb(166, 46, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 46, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 46, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 46, 72);  
box-shadow:4px 4px 4px 4px rgb(166, 46,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8726, 10.5289, 7.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 46, 72) }
```

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

```
.background{ background-color: rgb(166, 46,  
72) }
```

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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