

Converting Colors

XYZ(18.8666, 13.6167, 7.8952)

Have a look what the booklet for
XYZ(18.8666, 13.6167, 7.8952)
contains.

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Color

**XYZ(18.8273, 13.6112,
7.9382)**

Conversions

Conversions Part 1

Format	Color
Hex	A24E49
RGB	162, 78, 73
RGB Percent	64%, 31%, 29%
CMY	0.3647, 0.6941, 0.7137
CMYK	0.00, 0.52, 0.55, 0.36
HSL	3°, 38%, 46%
HSV	3°, 55%, 64%
XYZ	18.8273, 13.6112, 7.9382
YIQ	102.5460, 51.6690, 16.2530

Conversions

Conversions Part 2

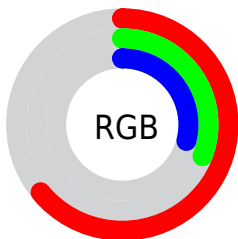
Format	Color
RYB	162, 78, 73
Decimal	10636873
CIELab	43.67, 34.27, 19.33
CIELCh	44, 39.342, 29.426
Yxy	13.6112, 0.4663, 0.3371
Android (android.graphics.Color)	4288826953 (0xFFA24E49)
YUV	102.5460, -14.5662, 52.1412
Hunter-Lab	36.8934, 26.5282, 13.0682

Details

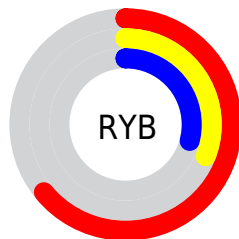
The XYZ color **18.8273, 13.6112, 7.9382** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.3254, 28.1374, 38.4895**, and the grayscale version is **12.8004, 13.4670, 14.6656**.

A 20% lighter version of the original color is **40.8783, 32.3213, 22.4965**, and **6.6050, 4.0316, 1.5925** is the 20% darker color. If you saturate the color by 10%, you get **17.3956, 11.4984, 5.1474**, and if you desaturate by 10%, it is **20.6521, 16.2864, 11.5505**.

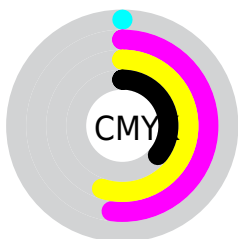
Distribution



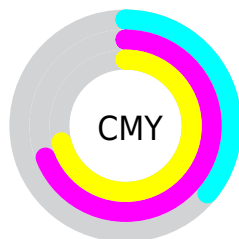
- Red (64%)
- Green (31%)
- Blue (29%)



- Red (64%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8273, 13.6112, 7.9382 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 18.8273, 13.6112, 7.9382 by changing the saturation by 10% instead.

■ 18.8273, 13.6112,
7.9382

■ 18.8273, 13.6112,
7.9382

238.4501,
214.7985, 185.1629

■ 11.6488, 7.8508,
3.9682

■ 40.9612, 32.3976,
22.3814

■ 6.5755, 3.9996,
1.6079

■ 56.6473, 46.1922,
33.6916

■ 3.2420, 1.6733,
0.2965

■ 75.9001, 63.4338,
48.2858

■ 1.2830, 0.4063,
0.0000

■ 99.0848, 84.5066,
66.5823

■ 0.1705, 0.0000,
0.0000

■ 126.5668,
109.7951, 88.9997

■ 0.0000, 0.0000,
0.0000

158.7114,

139.6837, 115.9566

195.8841,
174.5567, 147.8715

■ 18.8273, 13.6112,
7.9382

■ 18.8273, 13.6112,
7.9382

■ 17.3956, 11.4984,
5.1474

■ 20.6521, 16.2864,
11.5505

■ 16.3272, 9.9060,
3.1130

■ 22.8950, 19.5581,
16.0412

■ 15.5896, 8.7895,
1.7610

■ 25.5800, 23.4599,
21.4628

■ 15.1433, 8.0956,
0.9999

■ 28.7292, 28.0225,
27.8637

■ 14.9991, 7.8791,
0.7303

■ 32.3631, 33.2746,
35.2889

■ 36.5008, 39.2430,
43.7805

■ 41.1607, 45.9533,
53.3783

■ 46.3600, 53.4298,
64.1201

■ 52.1153, 61.6956,
76.0418

Harmonies

Analogous

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



19.8277, 13.6112, 14.9912



18.8273, 13.6112, 7.9382



16.1978, 13.6112, 4.4725

Triad

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



18.8273, 13.6112, 7.9382



8.4693, 13.6112, 7.7452



12.8777, 13.6112, 39.1513

Complementary

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



18.8273, 13.6112, 7.9382



21.3254, 28.1374, 38.4895

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.



10.1462, 13.6112, 34.8072



18.8273, 13.6112, 7.9382



7.8624, 13.6112, 14.6506

Square

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



18.8273, 13.6112, 7.9382



10.2341, 13.6112, 4.3963



8.4246, 13.6112, 24.8411



16.0784, 13.6112, 35.1090

Rectangle

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



18.8273, 13.6112, 7.9382



14.0573, 13.6112, 3.6024



8.4246, 13.6112, 24.8411



11.8779, 13.6112, 38.6038

Sweetspot

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



18.8276, 13.6119, 7.9384



51.3238, 49.6684, 48.8888



23.4157, 14.8997, 33.7868



11.2667, 10.7783, 10.4502



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.8276, 13.6119, 7.9384



31.0742, 20.1229, 8.3705



23.0563, 22.0692, 9.3480



7.1043, 7.1469, 7.3851



11.8275, 6.2290, 0.5789



0.2576, 0.1489, 0.0152

Inverse Universe

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



21.3254, 28.1374, 38.4895



36.0533, 49.2003, 69.6525



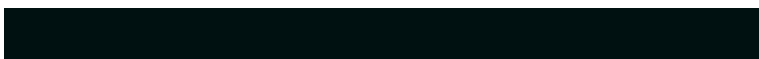
15.1800, 15.8466, 36.4410



7.2419, 7.9427, 9.0545



14.1087, 19.9967, 30.0459



0.3060, 0.4393, 0.6345

Previews

White Background



This preview shows how the XYZ color 18.8273, 13.6112, 7.9382 looks on a white background.

Color Contrast Check

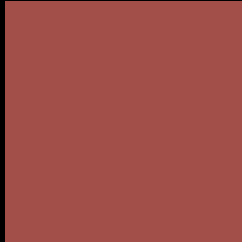
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8273, 13.6112, 7.9382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

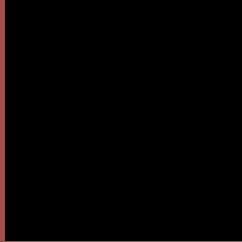
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.8273, 13.6112, 7.9382

Background



This preview shows how black text looks on a background with the XYZ color 18.8273, 13.6112, 7.9382.



This preview shows how white text looks on a background with the XYZ color 18.8273, 13.6112,

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

18.8273, 13.6112, 7.9382

Protanopia

12.9810, 13.8557, 10.3778

Deuteranopia

13.8482, 13.6384, 7.5328



Tritanopia

19.2811, 13.7035, 9.6115

Trichromacy



Original Color

18.8273, 13.6112, 7.9382

Protanomaly

14.5934, 13.4307, 9.4126

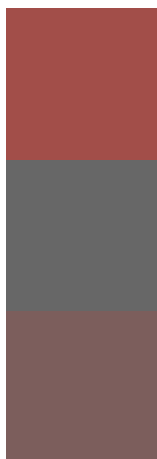
Deuteranomaly

15.3278, 13.3276, 7.5590

Tritanomaly

19.1694, 13.6588, 9.0232

Monochromacy



Original Color

18.8273, 13.6112, 7.9382

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.2467, 13.0632, 11.8958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8273, 13.6112, 7.9382 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(162, 78, 73)` looks like.

```
.text, #text, p{  
    color:rgb(162, 78, 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(162, 78, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 78, 73) }
```

Border

The CSS property to change the border of an element to XYZ 18.8273, 13.6112, 7.9382 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(162, 78, 73) }
```


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

```
.border{ border-color:rgb(162, 78, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 78, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 78, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 78, 73);  
box-shadow:4px 4px 4px 4px rgb(162, 78,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8273, 13.6112, 7.9382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 78, 73) }
```

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

```
.background{ background-color: rgb(162, 78,  
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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