

Converting Colors

XYZ(18.5296, 13.8200, 12.8598)

Have a look what the booklet for
XYZ(18.5296, 13.8200, 12.8598)
contains.

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Color

**XYZ(18.4550, 13.7491,
12.7475)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5260
RGB	154, 82, 96
RGB Percent	60%, 32%, 38%
CMY	0.3961, 0.6784, 0.6235
CMYK	0.00, 0.47, 0.38, 0.40
HSL	348°, 31%, 46%
HSV	348°, 47%, 60%
XYZ	18.4550, 13.7491, 12.7475
YIQ	105.1240, 38.4180, 19.6180

Conversions

Conversions Part 2

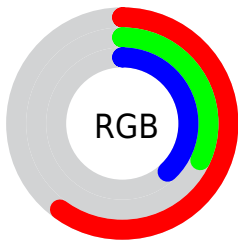
Format	Color
RYB	154, 82, 96
Decimal	10113632
CIELab	43.87, 31.47, 5.39
CIELCh	44, 31.924, 9.712
Yxy	13.7491, 0.4106, 0.3059
Android (android.graphics.Color)	4288303712 (0xFF9A5260)
YUV	105.1240, -4.4981, 42.8643
Hunter-Lab	37.0798, 23.9517, 5.5728

Details

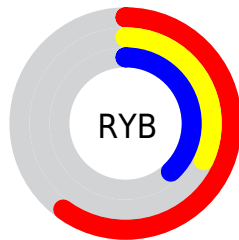
The XYZ color **18.4550, 13.7491, 12.7475** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7695, 26.7987, 28.9430**, and the grayscale version is **13.4657, 14.1670, 15.4278**.

A 20% lighter version of the original color is **40.4398, 32.6993, 31.3743**, and **6.4033, 4.0837, 3.4683** is the 20% darker color. If you saturate the color by 10%, you get **16.8945, 11.4712, 9.6282**, and if you desaturate by 10%, it is **20.3670, 16.5857, 16.4290**.

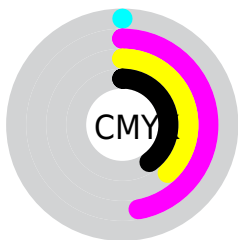
Distribution



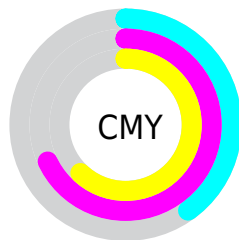
- Red (60%)
- Green (32%)
- Blue (38%)



- Red (60%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (38%)
- Black (40%)



- Cyan (40%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4550, 13.7491, 12.7475 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 18.4550, 13.7491, 12.7475 by changing the saturation by 10% instead.

■ 18.4550, 13.7491,
12.7475

■ 18.4550, 13.7491,
12.7475

236.4196,
215.6643, 220.4437

■ 11.3788, 7.9464,
7.1262

■ 40.3352, 32.6432,
31.5339

■ 6.3914, 4.0606,
3.4615

■ 55.8698, 46.5033,
45.5361

■ 3.1274, 1.7075,
1.3349

■ 74.9547, 63.8180,
63.1691

■ 1.2215, 0.4285,
0.0901

■ 97.9551, 84.9717,
84.8513

■ 0.1232, 0.0000,
0.0000

■ 125.2365,
110.3488, 111.0013

■ 0.0000, 0.0000,
0.0000

157.1641,

140.3337, 142.0377

194.1034,
175.3107, 178.3790

■ 18.4550, 13.7491,
12.7475

■ 18.4550, 13.7491,
12.7475

■ 16.8945, 11.4712,
9.6282

■ 20.3670, 16.5857,
16.4290

■ 15.6626, 9.7129,
7.0423

■ 22.6494, 20.0125,
20.6981

■ 14.7351, 8.4335,
4.9593


■ 25.3210, 24.0612,
25.5795


■ 14.0843, 7.5849,
3.3455


■ 28.3990, 28.7605,
31.0961


■ 13.6690, 7.0940,
2.1599


■ 31.8995, 34.1374,
37.2698

 13.5600, 6.9634,
1.8536

 35.8378, 40.2174,
44.1214

 40.2285, 47.0246,
51.6709

 45.0852, 54.5819,
59.9371

 50.4213, 62.9113,
68.9384

Harmonies

Analogous

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



18.1653, 13.7491, 20.3215



18.4550, 13.7491, 12.7475



17.1652, 13.7491, 7.7341

Triad

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



18.4550, 13.7491, 12.7475



10.2079, 13.7491, 6.6261



11.4576, 13.7491, 32.1428

Complementary

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



18.4550, 13.7491, 12.7475



19.7695, 26.7987, 28.9430

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.



9.6811, 13.7491, 25.7139



18.4550, 13.7491, 12.7475



9.0266, 13.7491, 10.6523

Square

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



18.4550, 13.7491, 12.7475



12.2669, 13.7491, 5.0292



8.8470, 13.7491, 17.4378



13.9034, 13.7491, 33.2583

Rectangle

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



18.4550, 13.7491, 12.7475



15.6699, 13.7491, 5.8946



8.8470, 13.7491, 17.4378



10.7715, 13.7491, 30.4520

Sweetspot

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



18.4554, 13.7498, 12.7478



47.3089, 45.7057, 48.8333



19.5984, 13.9092, 32.2236



10.4640, 9.9735, 10.6128



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.4554, 13.7498, 12.7478



30.5965, 20.7029, 17.2983



19.7600, 17.3002, 10.2813



6.2554, 6.2413, 6.7253



11.0583, 5.6776, 1.5661



0.1759, 0.0891, 0.0791

Inverse Universe

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



18.4554, 13.7498, 12.7478



30.5965, 20.7029, 17.2983



17.6186, 20.7387, 33.6462



6.2554, 6.2413, 6.7253



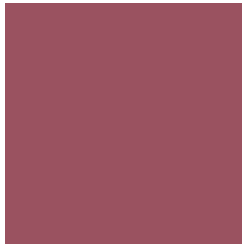
11.0583, 5.6776, 1.5661



0.1759, 0.0891, 0.0791

Previews

White Background



This preview shows how the XYZ color 18.4550, 13.7491, 12.7475 looks on a white background.

Color Contrast Check

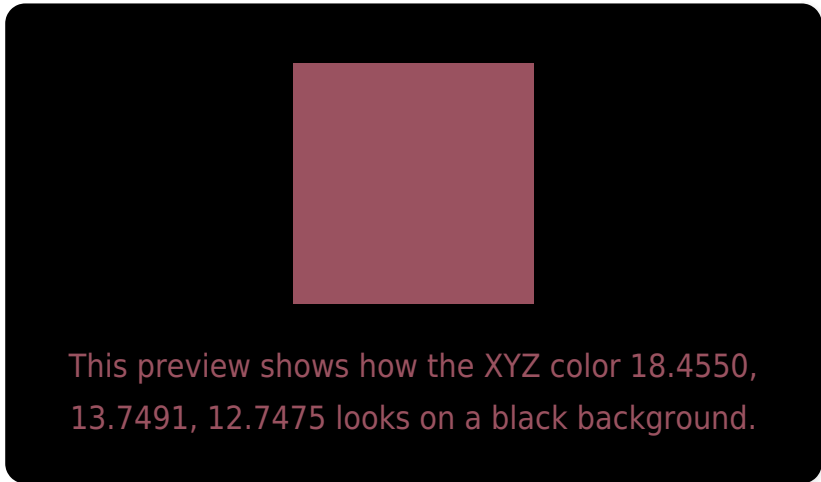
Large Text (above 18pt) WCAG AA ✓ Pass

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

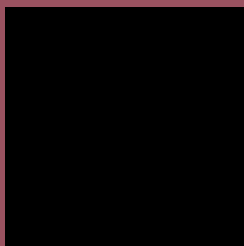
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4550, 13.7491, 12.7475

Background



This preview shows how black text looks on a background with the XYZ color 18.4550, 13.7491, 12.7475.



This preview shows how white text looks on a background with the XYZ color 18.4550, 13.7491,

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

18.4550, 13.7491, 12.7475

Protanopia

13.4828, 13.9866, 16.1764

Deuteranopia

14.0042, 13.7562, 12.2730



Tritanopia

18.0333, 13.6801, 11.1413

Trichromacy



Original Color

18.4550, 13.7491, 12.7475

Protanomaly

14.8499, 13.5762, 14.9345

Deuteranomaly

15.2948, 13.4621, 12.3820

Tritanomaly

18.1619, 13.7315, 11.8184

Monochromacy



Original Color

18.4550, 13.7491, 12.7475

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.8413, 13.7197, 14.4363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4550, 13.7491, 12.7475 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(154, 82, 96)` looks like.

```
.text, #text, p{  
  color:rgb(154, 82, 96)  
}
```

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(154, 82, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 82, 96) }
```

Border

The CSS property to change the border of an element to XYZ 18.4550, 13.7491, 12.7475 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(154, 82, 96) }
```


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

```
.border{ border-color:rgb(154, 82, 96) }
```

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

Here you see how a box with a 4 pixel rgb(154, 82, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 82, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 82, 96);  
box-shadow:4px 4px 4px 4px rgb(154, 82,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4550, 13.7491, 12.7475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 82, 96) }
```

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

```
.background{ background-color: rgb(154, 82,  
96) }
```

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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