

Converting Colors

XYZ(17.5340, 13.5609, 10.0819)

Have a look what the booklet for
XYZ(17.5340, 13.5609, 10.0819)
contains.

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Color

**XYZ(17.5331, 13.5601,
10.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	975454
RGB	151, 84, 84
RGB Percent	59%, 33%, 33%
CMY	0.4078, 0.6706, 0.6706
CMYK	0.00, 0.44, 0.44, 0.41
HSL	0°, 29%, 46%
HSV	0°, 44%, 59%
XYZ	17.5331, 13.5601, 10.0808
YIQ	104.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

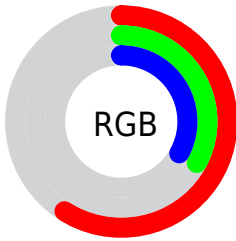
Format	Color
R_{YB}	151, 84, 84
Decimal	9917524
CIE _{Lab}	43.60, 27.75, 12.27
CIE _{LCh}	44, 30.344, 23.857
Yxy	13.5601, 0.4258, 0.3293
Android (android.graphics.Color)	4288107604 (0xFF975454)
YUV	104.0330, -9.8763, 41.1901
Hunter-Lab	36.8240, 20.5475, 9.5458

Details

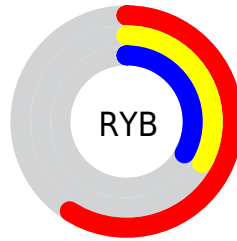
The XYZ color **17.5331, 13.5601, 10.0808** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3081, 26.2512, 33.2748**, and the grayscale version is **13.1855, 13.8721, 15.1067**.

A 20% lighter version of the original color is **38.9100, 32.4313, 26.3994**, and **5.9268, 3.9496, 2.3694** is the 20% darker color. If you saturate the color by 10%, you get **15.9559, 11.2524, 6.9451**, and if you desaturate by 10%, it is **19.4911, 16.4255, 13.9728**.

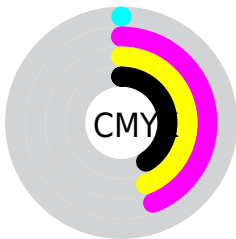
Distribution



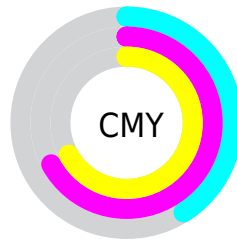
- Red (59%)
- Green (33%)
- Blue (33%)



- Red (59%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (41%)



- Cyan (41%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5331, 13.5601, 10.0808 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 17.5331, 13.5601, 10.0808 by changing the saturation by 10% instead.

■ 17.5331, 13.5601,
10.0808

■ 17.5331, 13.5601,
10.0808

231.3229,
214.4767, 201.7535

■ 10.7130, 7.8154,
5.3463

■ 38.7765, 32.3064,
26.5576

■ 5.9400, 3.9770,
2.3896

■ 53.9304, 46.0768,
39.1369

■ 2.8490, 1.6607,
0.7807

■ 72.5930, 63.2912,
55.1681

■ 1.0744, 0.3980,
0.0000

■ 95.1295, 84.3339,
75.0700

■ 0.0035, 0.0000,
0.0000

■ 121.9055,
109.5895, 99.2609

■ 0.0000, 0.0000,
0.0000

153.2861,

139.4422, 128.1594

189.6368,
174.2765, 162.1841

■ 17.5331, 13.5601,
10.0808

■ 17.5331, 13.5601,
10.0808

■ 15.9559, 11.2524,
6.9451

■ 19.4911, 16.4255,
13.9728

■ 14.7339, 9.4641,
4.5158

■ 21.8514, 19.8793,
18.6650

■ 13.8397, 8.1557,
2.7383


■ 24.6351, 23.9525,
24.1988


■ 13.2419, 7.2808,
1.5500


■ 27.8614, 28.6735,
30.6125

■ 12.9014, 6.7827,
0.8733

■ 31.5484, 34.0687,
37.9423

 12.7626, 6.5795,
0.5973

 35.7133, 40.1631,
46.2221

 40.3723, 46.9804,
55.4842

 45.5409, 54.5434,
65.7593

 51.2338, 62.8737,
77.0768

Harmonies

Analogous

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



17.9838, 13.5601, 16.2090



17.5331, 13.5601, 10.0808



15.7743, 13.5601, 6.5203

Triad

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



17.5331, 13.5601, 10.0808



9.5407, 13.5601, 8.3155



12.4059, 13.5601, 31.9626

Complementary

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



17.5331, 13.5601, 10.0808



20.3081, 26.2512, 33.2748

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.



10.3780, 13.5601, 28.0473



17.5331, 13.5601, 10.0808



8.8598, 13.5601, 13.4087

Square

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



17.5331, 13.5601, 10.0808



11.1280, 13.5601, 5.7418



9.1464, 13.5601, 20.7123



14.8255, 13.5601, 30.2494

Rectangle

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



17.5331, 13.5601, 10.0808



14.2005, 13.5601, 5.4270



9.1464, 13.5601, 20.7123



11.6599, 13.5601, 31.2309

Sweetspot

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



17.5334, 13.5608, 10.0811



44.7201, 43.7764, 44.5331



21.5188, 15.1545, 31.0691



9.9117, 9.5802, 9.6197



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.5334, 13.5608, 10.0811



28.6527, 20.2652, 12.5919



20.7825, 20.0589, 11.1641



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



20.3081, 26.2512, 33.2748



34.2634, 45.9267, 59.4925



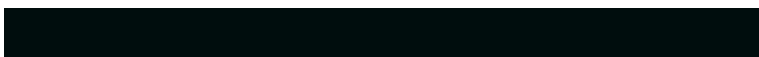
15.6619, 16.9587, 31.7260



6.3846, 7.0265, 7.9487



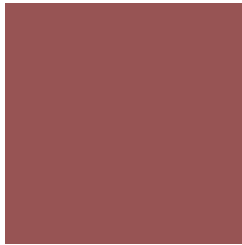
14.1656, 20.7278, 28.1620



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 17.5331, 13.5601, 10.0808 looks on a white background.

Color Contrast Check

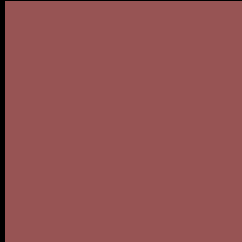
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5331, 13.5601, 10.0808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

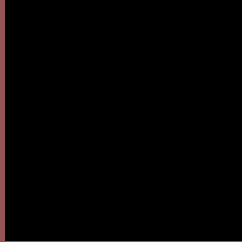
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5331, 13.5601, 10.0808

Background



This preview shows how black text looks on a background with the XYZ color 17.5331, 13.5601, 10.0808.



This preview shows how white text looks on a background with the XYZ color 17.5331, 13.5601,

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

17.5331, 13.5601, 10.0808

Protanopia

13.0550, 13.6968, 12.5453

Deuteranopia

13.8322, 13.5827, 9.6773



Tritanopia

17.6589, 13.4871, 11.1237

Trichromacy



Original Color

17.5331, 13.5601, 10.0808

Protanomaly

14.3405, 13.3890, 11.5014

Deuteranomaly

15.0414, 13.5201, 9.7995

Tritanomaly

17.5761, 13.4539, 10.6873

Monochromacy



Original Color

17.5331, 13.5601, 10.0808

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.3175, 13.4774, 13.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5331, 13.5601, 10.0808 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(151, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(151, 84, 84)  
}
```

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(151, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 84, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.5331, 13.5601, 10.0808 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(151, 84, 84) }
```


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

```
.border{ border-color:rgb(151, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(151, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(151, 84,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5331, 13.5601, 10.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 84, 84) }
```

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

```
.background{ background-color: rgb(151, 84,  
84) }
```

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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