

Converting Colors

XYZ(17.6658, 13.0620, 5.8759)

Have a look what the booklet for
XYZ(17.6658, 13.0620, 5.8759)
contains.

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Color

**XYZ(17.6406, 13.0441,
5.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4E3C
RGB	158, 78, 60
RGB Percent	62%, 31%, 24%
CMY	0.3804, 0.6941, 0.7647
CMYK	0.00, 0.51, 0.62, 0.38
HSL	11°, 45%, 43%
HSV	11°, 62%, 62%
XYZ	17.6406, 13.0441, 5.8630
YIQ	99.8680, 53.4580, 11.3620

Conversions

Conversions Part 2

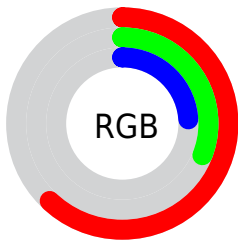
Format	Color
RYB	158, 82, 60
Decimal	10374716
CIELab	42.83, 31.63, 25.91
CIElCh	43, 40.887, 39.318
Yxy	13.0441, 0.4827, 0.3569
Android (android.graphics.Color)	4288564796 (0xFF9E4E3C)
YUV	99.8680, -19.6549, 50.9818
Hunter-Lab	36.1166, 23.9815, 15.6568

Details

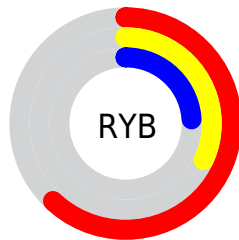
The XYZ color **17.6406, 13.0441, 5.8630** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.4127, 22.1844, 35.7120**, and the grayscale version is **12.1188, 12.7499, 13.8846**.

A 20% lighter version of the original color is **38.8759, 31.3822, 18.1957**, and **6.0449, 3.7938, 0.9440** is the 20% darker color. If you saturate the color by 10%, you get **16.4554, 11.2454, 3.7060**, and if you desaturate by 10%, it is **19.1309, 15.2536, 8.7372**.

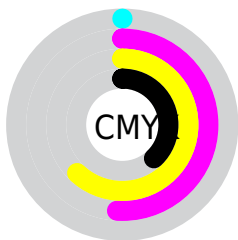
Distribution



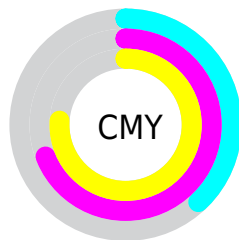
- Red (62%)
- Green (31%)
- Blue (24%)



- Red (62%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (38%)





- Cyan (38%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6406, 13.0441, 5.8630 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 17.6406, 13.0441, 5.8630 by changing the saturation by 10% instead.


 17.6406, 13.0441,
5.8630

 17.6406, 13.0441,
5.8630


231.9224,
211.2001, 167.1056


 10.7904, 7.4589,
2.6945


 38.9589, 31.3830,
18.1186


 5.9923, 3.7507,
0.9407


 54.1576, 44.9055,
28.0428


 2.8810, 1.5351,
0.0000

 72.8699, 61.8425,
41.0560

 1.0912, 0.3133,
0.0000

 95.4612, 82.5786,
57.5767

 0.0177, 0.0000,
0.0000

 122.2967,
107.4979, 78.0235

 0.0000, 0.0000,
0.0000

 153.7418,

136.9851, 102.8148

190.1619,
171.4243, 132.3694

■ 17.6406, 13.0441,
5.8630

■ 17.6406, 13.0441,
5.8630

■ 16.4554, 11.2454,
3.7060

■ 19.1309, 15.2536,
8.7372

■ 15.5524, 9.8296,
2.2015

■ 20.9451, 17.8951,
12.3842

■ 14.9065, 8.7688,
1.2743

■ 23.1016, 20.9911,
16.8549

■ 14.5406, 8.1491,
0.8066

■ 25.6170, 24.5617,
22.1957

■ 28.5071, 28.6258,
28.4493

■ 31.7864, 33.2013,
35.6560

■ 35.4688, 38.3052,
43.8532

■ 39.5674, 43.9538,
53.0767

■ 44.0948, 50.1625,
63.3603

Harmonies

Analogous

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



19.3077, 13.0441, 11.5995



17.6406, 13.0441, 5.8630



14.6391, 13.0441, 3.4322

Triad

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



17.6406, 13.0441, 5.8630



7.5911, 13.0441, 8.9593



13.3946, 13.0441, 38.7878

Complementary

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



17.6406, 13.0441, 5.8630



17.4127, 22.1844, 35.7120

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.



10.3982, 13.0441, 37.0931



17.6406, 13.0441, 5.8630



7.3716, 13.0441, 17.1691

Square

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



17.6406, 13.0441, 5.8630



8.9731, 13.0441, 4.6281



8.3130, 13.0441, 28.1018



16.5994, 13.0441, 32.0654

Rectangle

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



17.6406, 13.0441, 5.8630



12.4696, 13.0441, 3.0209



8.3130, 13.0441, 28.1018



12.3267, 13.0441, 39.2299

Sweetspot

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



17.6409, 13.0448, 5.8632



47.8457, 46.4736, 43.1560



20.4526, 12.3954, 26.1385



10.4819, 10.0473, 9.0742



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.6409, 13.0448, 5.8632



29.2664, 19.4661, 5.6684



22.5013, 22.7656, 7.4834



6.7268, 6.8335, 6.9501



11.6677, 6.5710, 0.6534



0.2324, 0.1651, 0.0196

Inverse Universe

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



17.4127, 22.1844, 35.7120



28.7271, 37.2873, 64.4265



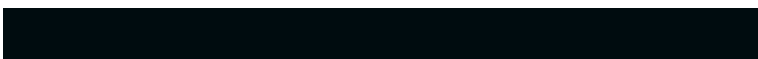
11.7791, 10.9173, 33.8342



6.7182, 7.3021, 8.4620



11.2536, 14.5988, 28.1320



0.2259, 0.3103, 0.5112

Previews

White Background



This preview shows how the XYZ color 17.6406, 13.0441, 5.8630 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 17.6406, 13.0441, 5.8630 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 17.6406, 13.0441, 5.8630

Background



This preview shows how black text looks on a background with the XYZ color 17.6406, 13.0441, 5.8630.



This preview shows how white text looks on a background with the XYZ color 17.6406, 13.0441,

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

17.6406, 13.0441, 5.8630

Protanopia

12.2560, 13.2474, 7.5413

Deuteranopia

13.3007, 13.1200, 5.5728



Tritanopia

18.2621, 12.9823, 9.1327

Trichromacy



Original Color

17.6406, 13.0441, 5.8630

Protanomaly

13.6501, 12.7341, 6.8927

Deuteranomaly

14.5480, 12.8420, 5.5829

Tritanomaly

18.0851, 13.0209, 7.8634

Monochromacy



Original Color

17.6406, 13.0441, 5.8630

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.3520, 12.3751, 10.2792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6406, 13.0441, 5.8630 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(158, 78, 60)` looks like.

```
.text, #text, p{  
    color:rgb(158, 78, 60)  
}
```

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(158, 78, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 78, 60) }
```

Border

The CSS property to change the border of an element to XYZ 17.6406, 13.0441, 5.8630 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(158, 78, 60) }
```


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

```
.border{ border-color:rgb(158, 78, 60) }
```

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

Here you see how a box with a 4 pixel rgb(158, 78, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 78, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 78, 60);  
box-shadow:4px 4px 4px 4px rgb(158, 78,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6406, 13.0441, 5.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 78, 60) }
```

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

```
.background{ background-color: rgb(158, 78,  
60) }
```

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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