

Converting Colors

XYZ(17.1060, 12.2383, 6.7708)

Have a look what the booklet for
XYZ(17.1060, 12.2383, 6.7708)
contains.

XYZ(17.1060, 12.2383, 6.7708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1060, 12.2383,
6.7708)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4943
RGB	156, 73, 67
RGB Percent	61%, 29%, 26%
CMY	0.3882, 0.7137, 0.7373
CMYK	0.00, 0.53, 0.57, 0.39
HSL	4°, 40%, 44%
HSV	4°, 57%, 61%
XYZ	17.1060, 12.2383, 6.7708
YIQ	97.1330, 51.3940, 15.7300

Conversions

Conversions Part 2

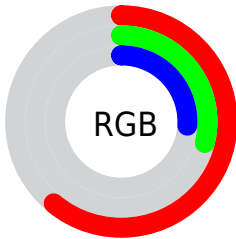
Format	Color
R_{YB}	156, 73, 67
Decimal	10242371
CIE _{Lab}	41.59, 34.05, 20.06
CIE _{LCh}	42, 39.524, 30.502
Yxy	12.2383, 0.4737, 0.3389
Android (android.graphics.Color)	4288432451 (0xFF9C4943)
YUV	97.1330, -14.8556, 51.6264
Hunter-Lab	34.9833, 26.0615, 13.0131

Details

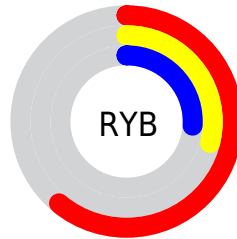
The XYZ color **17.1060, 12.2383, 6.7708** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.2210, 25.4047, 35.3429**, and the grayscale version is **11.4219, 12.0168, 13.0863**.

A 20% lighter version of the original color is **38.0337, 29.9492, 19.9958**, and **5.7268, 3.3881, 1.2163** is the 20% darker color. If you saturate the color by 10%, you get **15.8529, 10.3830, 4.3470**, and if you desaturate by 10%, it is **18.7093, 14.5925, 9.9335**.

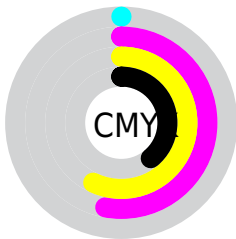
Distribution



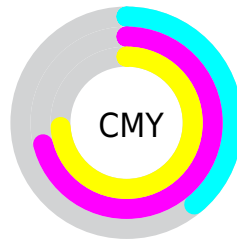
- Red (61%)
- Green (29%)
- Blue (26%)



- Red (61%)
- Yellow (29%)
- Blue (26%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (39%)



- Cyan (39%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1060, 12.2383, 6.7708 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 17.1060, 12.2383, 6.7708 by changing the saturation by 10% instead.

■ 17.1060, 12.2383,
6.7708

■ 17.1060, 12.2383,
6.7708

228.9268,
205.9766, 175.3034

■ 10.4059, 6.9062,
3.2429

■ 38.0501, 29.9284,
20.0156

■ 5.7332, 3.4035,
1.2200

■ 53.0247, 43.0551,
30.5695

■ 2.7226, 1.3458,
0.0000

■ 71.4883, 59.5489,
44.3026

■ 1.0088, 0.1763,
0.0000

■ 93.8061, 79.7941,
61.6333

■ 0.0000, 0.0000,
0.0000

■ 120.3435,
104.1750, 82.9802

151.4658,

133.0762, 108.7618

187.5385,
166.8819, 139.3967

■ 17.1060, 12.2383,
6.7708

■ 17.1060, 12.2383,
6.7708

■ 15.8529, 10.3830,
4.3470

■ 18.7093, 14.5925,
9.9335

■ 14.9230, 8.9888,
2.6016

■ 20.6856, 17.4760,
13.8879

■ 14.2866, 8.0158,
1.4654

■ 23.0565, 20.9189,
18.6826

■ 13.9037, 7.4144,
0.8304

■ 25.8419, 24.9486,
24.3622

■ 13.8246, 7.2965,
0.6797

■ 29.0604, 29.5907,
30.9681

■ 32.7292, 34.8693,
38.5392

■ 36.8649, 40.8071,
47.1119

■ 41.4831, 47.4258,
56.7210

■ 46.5985, 54.7460,
67.3994

Harmonies

Analogous

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



18.1194, 12.2383, 13.1865



17.1060, 12.2383, 6.7708



14.5880, 12.2383, 3.7200

Triad

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



17.1060, 12.2383, 6.7708



7.4355, 12.2383, 6.9257



11.6809, 12.2383, 36.4101

Complementary

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



17.1060, 12.2383, 6.7708



19.2210, 25.4047, 35.3429

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.



9.1053, 12.2383, 32.5269



17.1060, 12.2383, 6.7708



6.9139, 12.2383, 13.4653

Square

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



17.1060, 12.2383, 6.7708



9.0338, 12.2383, 3.7798



7.4717, 12.2383, 23.1434



14.6862, 12.2383, 32.2748

Rectangle

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



17.1060, 12.2383, 6.7708



12.5733, 12.2383, 2.9864



7.4717, 12.2383, 23.1434



10.7392, 12.2383, 35.9867

Sweetspot

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



17.1063, 12.2390, 6.7710



46.7812, 45.0897, 43.9314



21.2278, 13.2864, 30.3280



10.0788, 9.6108, 9.2269



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.



17.1063, 12.2390, 6.7710



28.3558, 18.2057, 7.0632



21.1353, 20.2970, 8.1140



6.6672, 6.7145, 6.9303



11.3977, 6.0310, 0.5634



0.2131, 0.1265, 0.0132

Inverse Universe

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



19.2210, 25.4047, 35.3429



32.5322, 44.3623, 63.9749



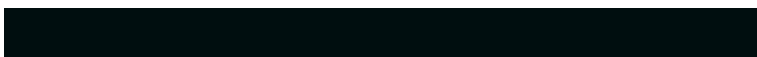
13.4250, 13.8126, 33.4109



6.7835, 7.4328, 8.4838



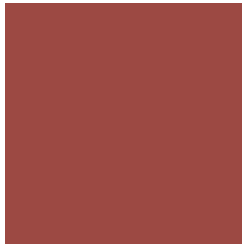
13.3529, 18.7974, 28.8317



0.2490, 0.3567, 0.5189

Previews

White Background



This preview shows how the XYZ color 17.1060, 12.2383, 6.7708 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 17.1060, 12.2383, 6.7708 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 17.1060, 12.2383, 6.7708

Background



This preview shows how black text looks on a background with the XYZ color 17.1060, 12.2383, 6.7708.



This preview shows how white text looks on a background with the XYZ color 17.1060, 12.2383,

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

17.1060, 12.2383, 6.7708

Protanopia

11.6627, 12.4770, 9.0013

Deuteranopia

12.5077, 12.2862, 6.4149



Tritanopia

17.5265, 12.3246, 8.2926

Trichromacy



Original Color

17.1060, 12.2383, 6.7708

Protanomaly

13.2044, 12.0918, 8.1166

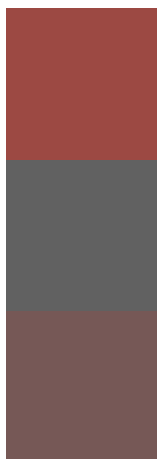
Deuteranomaly

13.7689, 11.9313, 6.4278

Tritanomaly

17.4246, 12.2839, 7.7560

Monochromacy



Original Color

17.1060, 12.2383, 6.7708

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.6407, 11.5029, 10.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1060, 12.2383, 6.7708 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(156, 73, 67)` looks like.

```
.text, #text, p{  
    color:rgb(156, 73, 67)  
}
```

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(156, 73, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 73, 67) }
```

Border

The CSS property to change the border of an element to XYZ 17.1060, 12.2383, 6.7708 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(156, 73, 67) }
```


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

```
.border{ border-color:rgb(156, 73, 67) }
```

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

Here you see how a box with a 4 pixel rgb(156, 73, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 73, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 73, 67);  
box-shadow:4px 4px 4px 4px rgb(156, 73,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1060, 12.2383, 6.7708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 73, 67) }
```

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

```
.background{ background-color: rgb(156, 73,  
67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor