

Converting Colors

XYZ(17.3475, 12.7690, 6.7046)

Have a look what the booklet for
XYZ(17.3475, 12.7690, 6.7046)
contains.

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Color

**XYZ(17.3475, 12.7690,
6.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4D42
RGB	156, 77, 66
RGB Percent	61%, 30%, 26%
CMY	0.3882, 0.6980, 0.7412
CMYK	0.00, 0.51, 0.58, 0.39
HSL	7°, 41%, 44%
HSV	7°, 58%, 61%
XYZ	17.3475, 12.7690, 6.7046
YIQ	99.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

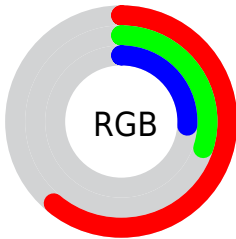
Format	Color
R_{YB}	156, 79, 66
Decimal	10243394
CIE _{Lab}	42.41, 31.84, 21.74
CIE _{LCh}	42, 38.550, 34.320
Yxy	12.7690, 0.4711, 0.3468
Android (android.graphics.Color)	4288433474 (0xFF9C4D42)
YUV	99.3670, -16.4499, 49.6671
Hunter-Lab	35.7337, 24.1216, 13.8892

Details

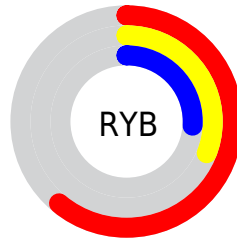
The XYZ color **17.3475, 12.7690, 6.7046** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.3722, 23.8079, 35.0793**, and the grayscale version is **11.9841, 12.6082, 13.7303**.

A 20% lighter version of the original color is **38.4880, 30.9494, 19.8649**, and **5.8254, 3.6017, 1.1988** is the 20% darker color. If you saturate the color by 10%, you get **16.0895, 10.8914, 4.3174**, and if you desaturate by 10%, it is **18.9333, 15.1016, 9.8202**.

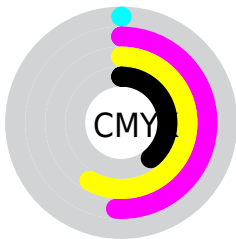
Distribution



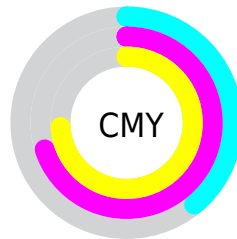
- Red (61%)
- Green (30%)
- Blue (26%)



- Red (61%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (51%)
- Yellow (58%)
- Black (39%)





- Cyan (39%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3475, 12.7690, 6.7046 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 17.3475, 12.7690, 6.7046 by changing the saturation by 10% instead.


 17.3475, 12.7690,
6.7046


 17.3475, 12.7690,
6.7046


230.2844,
209.4319, 174.7228


 10.5794, 7.2697,
3.2024


 38.4612, 30.8882,
19.8791


 5.8500, 3.6313,
1.1989

 53.5374, 44.2768,
30.3885


 2.7939, 1.4695,
0.0000

 72.1138, 61.0639,
44.0707

 1.0457, 0.2671,
0.0000

 94.5556, 81.6341,
61.3442

 0.0000, 0.0000,
0.0000

 121.2282,
106.3715, 82.6277

 152.4970,

135.6607, 108.3396

188.7273,
169.8860, 138.8984

■ 17.3475, 12.7690,
6.7046

■ 17.3475, 12.7690,
6.7046

■ 16.0895, 10.8914,
4.3174

■ 18.9333, 15.1016,
9.8202

■ 15.1350, 9.4369,
2.5984

■ 20.8669, 17.9140,
13.7163

■ 14.4581, 8.3729,
1.4792

■ 23.1678, 21.2319,
18.4411

■ 14.0213, 7.6586,
0.8427

■ 25.8537, 25.0785,
24.0386

■ 13.9443, 7.5361,
0.7197

■ 28.9413, 29.4755,
30.5497

■ 32.4461, 34.4433,
38.0128

■ 36.3831, 40.0015,
46.4641

■ 40.7662, 46.1686,
55.9379

■ 45.6088, 52.9623,
66.4666

Harmonies

Analogous

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



18.5873, 12.7690, 12.7350



17.3475, 12.7690, 6.7046



14.7162, 12.7690, 3.9075

Triad

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



17.3475, 12.7690, 6.7046



7.7738, 12.7690, 8.0688



12.5613, 12.7690, 36.6732

Complementary

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



17.3475, 12.7690, 6.7046



18.3722, 23.8079, 35.0793

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.



9.8775, 12.7690, 33.8263



17.3475, 12.7690, 6.7046



7.3832, 12.7690, 15.1409

Square

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



17.3475, 12.7690, 6.7046



9.2570, 12.7690, 4.4465



8.0900, 12.7690, 24.9873



15.5588, 12.7690, 31.6972

Rectangle

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



17.3475, 12.7690, 6.7046



12.6967, 12.7690, 3.2992



8.0900, 12.7690, 24.9873



11.5931, 12.7690, 36.6102

Sweetspot

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



17.3478, 12.7697, 6.7048



47.1446, 45.8165, 44.0525



20.8079, 13.0242, 28.4077



10.1650, 9.7832, 9.2557



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.



17.3478, 12.7697, 6.7048



28.7076, 19.0025, 6.8927



21.5919, 21.2578, 8.1195



6.6952, 6.7704, 6.9396



11.5008, 6.2371, 0.5977



0.2222, 0.1447, 0.0162

Inverse Universe

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



18.3722, 23.8079, 35.0793



30.6899, 40.8755, 63.3990



12.8528, 12.7692, 33.2395



6.7526, 7.3710, 8.4735



12.3195, 16.7305, 28.4872



0.2378, 0.3343, 0.5152

Previews

White Background



This preview shows how the XYZ color 17.3475, 12.7690, 6.7046 looks on a white background.

Color Contrast Check

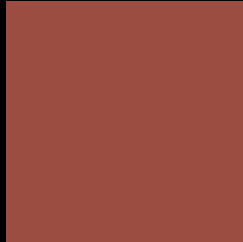
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3475, 12.7690, 6.7046 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 17.3475, 12.7690, 6.7046

Background



This preview shows how black text looks on a background with the XYZ color 17.3475, 12.7690, 6.7046.



This preview shows how white text looks on a background with the XYZ color 17.3475, 12.7690,

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

17.3475, 12.7690, 6.7046

Protanopia

12.1425, 13.0173, 8.7101

Deuteranopia

13.0784, 12.8511, 6.3486



Tritanopia

17.8687, 12.7794, 9.1143

Trichromacy



Original Color

17.3475, 12.7690, 6.7046

Protanomaly

13.4543, 12.4821, 7.8311

Deuteranomaly

14.3011, 12.5720, 6.3755

Tritanomaly

17.7591, 12.8450, 8.1999

Monochromacy



Original Color

17.3475, 12.7690, 6.7046

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.2071, 12.1634, 10.6685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3475, 12.7690, 6.7046 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, 77, 66)` looks like.

```
.text, #text, p{  
    color:rgb(156, 77, 66)  
}
```

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, 77, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 77, 66) }
```

Border

The CSS property to change the border of an element to XYZ 17.3475, 12.7690, 6.7046 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, 77, 66) }
```


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

```
.border{ border-color:rgb(156, 77, 66) }
```

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

Here you see how a box with a 4 pixel rgb(156, 77, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 77, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 77, 66);  
box-shadow:4px 4px 4px 4px rgb(156, 77,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3475, 12.7690, 6.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 77, 66) }
```

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

```
.background{ background-color: rgb(156, 77,  
66) }
```

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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