

Converting Colors

XYZ(17.0758, 12.5381, 8.4481)

Have a look what the booklet for
XYZ(17.0758, 12.5381, 8.4481)
contains.

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Color

**XYZ(17.0953, 12.6019,
8.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	994D4C
RGB	153, 77, 76
RGB Percent	60%, 30%, 30%
CMY	0.4000, 0.6980, 0.7020
CMYK	0.00, 0.50, 0.50, 0.40
HSL	1°, 34%, 45%
HSV	1°, 50%, 60%
XYZ	17.0953, 12.6019, 8.3689
YIQ	99.6100, 45.6170, 15.8010

Conversions

Conversions Part 2

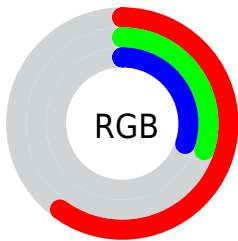
Format	Color
R_{YB}	153, 77, 76
Decimal	10046796
CIE _{Lab}	42.16, 31.56, 15.24
CIE _{LCh}	42, 35.046, 25.768
Yxy	12.6019, 0.4491, 0.3311
Android (android.graphics.Color)	4288236876 (0xFF994D4C)
YUV	99.6100, -11.6397, 46.8230
Hunter-Lab	35.4992, 23.8366, 10.8718

Details

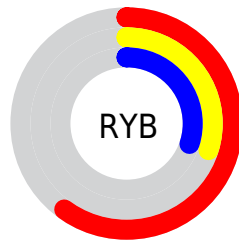
The XYZ color **17.0953, 12.6019, 8.3689** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9579, 26.2916, 34.1599**, and the grayscale version is **12.0348, 12.6616, 13.7884**.

A 20% lighter version of the original color is **37.9992, 30.6206, 23.3096**, and **5.7371, 3.5797, 1.7551** is the 20% darker color. If you saturate the color by 10%, you get **15.6886, 10.5409, 5.5805**, and if you desaturate by 10%, it is **18.8745, 15.2054, 11.9059**.

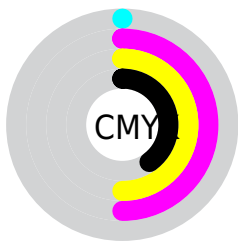
Distribution



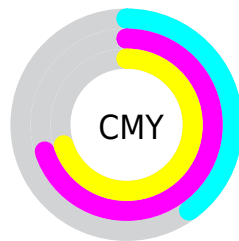
- Red (60%)
- Green (30%)
- Blue (30%)



- Red (60%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (40%)





- Cyan (40%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0953, 12.6019, 8.3689 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 17.0953, 12.6019, 8.3689 by changing the saturation by 10% instead.


 17.0953, 12.6019,
8.3689


 17.0953, 12.6019,
8.3689

228.8665,
208.3503, 188.6388


 10.3982, 7.1550,
4.2408


 38.0319, 30.5867,
23.2365


 5.7280, 3.5592,
1.7583

 53.0020, 43.8934,
34.8131

 2.7195, 1.4302,
0.4003

 71.4605, 60.5888,
49.7095

 1.0072, 0.2388,
0.0000

 93.7728, 81.0573,
68.3444

 0.0000, 0.0000,
0.0000

 120.3042,
105.6833, 91.1362

151.4200,

134.8512, 118.5035

187.4857,
168.9454, 150.8649

■ 17.0953, 12.6019,
8.3689

■ 17.0953, 12.6019,
8.3689

■ 15.6886, 10.5409,
5.5805

■ 18.8745, 15.2054,
11.9059

■ 14.6270, 8.9823,
3.4861

■ 21.0489, 18.3838,
16.2391

■ 13.8811, 7.8837,
2.0251

■ 23.6408, 22.1694,
21.4133

■ 13.4160, 7.1949,
1.1262

■ 26.6702, 26.5914,
27.4695

■ 13.1585, 6.8156,
0.6220

■ 30.1562, 31.6773,
34.4462

■ 34.1165, 37.4527,
42.3795

■ 38.5680, 43.9422,
51.3037

■ 43.5266, 51.1688,
61.2513

■ 49.0077, 59.1549,
72.2532

Harmonies

Analogous

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



17.7186, 12.6019, 14.8106



17.0953, 12.6019, 8.3689



15.0318, 12.6019, 4.9325

Triad

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



17.0953, 12.6019, 8.3689



8.2859, 12.6019, 7.1149



11.6109, 12.6019, 33.6516

Complementary

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



17.0953, 12.6019, 8.3689



19.9579, 26.2916, 34.1599

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.



9.3682, 12.6019, 29.3847



17.0953, 12.6019, 8.3689



7.6338, 12.6019, 12.6869

Square

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



17.0953, 12.6019, 8.3689



9.9238, 12.6019, 4.4150



7.9993, 12.6019, 20.9745



14.2971, 12.6019, 31.1840

Rectangle

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



17.0953, 12.6019, 8.3689



13.2557, 12.6019, 3.9666



7.9993, 12.6019, 20.9745



10.7847, 12.6019, 32.9252

Sweetspot

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



17.0956, 12.6026, 8.3691



44.9668, 43.5406, 43.6023



21.4711, 14.2412, 31.7541



9.7017, 9.2822, 9.1733



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.



17.0956, 12.6026, 8.3691



27.9095, 18.6033, 9.6243



20.5153, 19.4419, 9.5090



6.2149, 6.2349, 6.4817



10.8772, 5.6369, 0.5147



0.1641, 0.0873, 0.0082

Inverse Universe

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



19.9579, 26.2916, 34.1599



33.6128, 45.8941, 61.0588



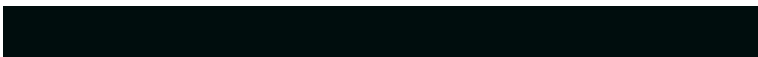
14.8042, 15.9843, 32.4420



6.3777, 7.0127, 7.9464



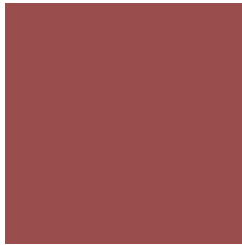
13.9011, 20.1989, 28.0738



0.2097, 0.3057, 0.4203

Previews

White Background



This preview shows how the XYZ color 17.0953, 12.6019, 8.3689 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 17.0953, 12.6019, 8.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

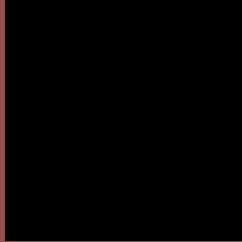
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0953, 12.6019, 8.3689

Background



This preview shows how black text looks on a background with the XYZ color 17.0953, 12.6019, 8.3689.



This preview shows how white text looks on a background with the XYZ color 17.0953, 12.6019,

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

17.0953, 12.6019, 8.3689

Protanopia

12.1032, 12.8057, 10.8507

Deuteranopia

12.9932, 12.7687, 8.0831



Tritanopia

17.2443, 12.5504, 9.4962

Trichromacy



Original Color

17.0953, 12.6019, 8.3689

Protanomaly

13.4145, 12.4164, 9.8732

Deuteranomaly

14.1685, 12.4645, 8.1377

Tritanomaly

17.1693, 12.5204, 9.1012

Monochromacy



Original Color

17.0953, 12.6019, 8.3689

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.3232, 12.3316, 11.5755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0953, 12.6019, 8.3689 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(153, 77, 76)` looks like.

```
.text, #text, p{  
    color:rgb(153, 77, 76)  
}
```

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(153, 77, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 77, 76) }
```

Border

The CSS property to change the border of an element to XYZ 17.0953, 12.6019, 8.3689 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(153, 77, 76) }
```


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

```
.border{ border-color:rgb(153, 77, 76) }
```

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

Here you see how a box with a 4 pixel rgb(153, 77, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 77, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 77, 76);  
box-shadow:4px 4px 4px 4px rgb(153, 77,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0953, 12.6019, 8.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 77, 76) }
```

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

```
.background{ background-color: rgb(153, 77,  
76) }
```

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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