

Converting Colors

XYZ(17.0744, 16.3622, 5.6067)

Have a look what the booklet for
XYZ(17.0744, 16.3622, 5.6067)
contains.

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Color

**XYZ(17.1243, 16.4047,
5.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6A35
RGB	143, 106, 53
RGB Percent	56%, 42%, 21%
CMY	0.4392, 0.5843, 0.7922
CMYK	0.00, 0.26, 0.63, 0.44
HSL	35°, 46%, 38%
HSV	35°, 63%, 56%
XYZ	17.1243, 16.4047, 5.6320
YIQ	111.0210, 39.0650, -8.6390

Conversions

Conversions Part 2

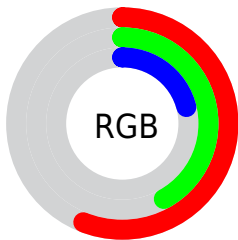
Format	Color
R_{YB}	116, 143, 53
Decimal	9398837
CIE _{Lab}	47.50, 8.69, 34.97
CIE _{LCh}	48, 36.029, 76.048
Yxy	16.4047, 0.4373, 0.4189
Android (android.graphics.Color)	4287588917 (0xFF8F6A35)
YUV	111.0210, -28.6044, 28.0456
Hunter-Lab	40.5027, 4.5890, 20.1075

Details

The XYZ color **17.1243, 16.4047, 5.6320** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.0821, 10.0519, 27.3953**, and the grayscale version is **15.1883, 15.9793, 17.4014**.

A 20% lighter version of the original color is **37.9591, 37.1956, 17.4907**, and **5.7112, 5.2627, 0.8584** is the 20% darker color. If you saturate the color by 10%, you get **16.2581, 15.1225, 3.9557**, and if you desaturate by 10%, it is **18.1310, 17.8108, 7.8399**.

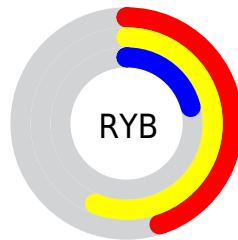
Distribution



Red (56%)

Green (42%)

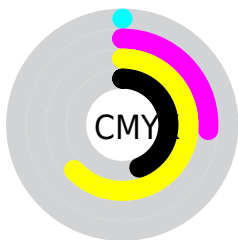
Blue (21%)



Red (45%)

Yellow (56%)

Blue (21%)

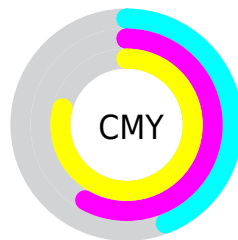


Cyan (0%)

Magenta (26%)

Yellow (63%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1243, 16.4047, 5.6320 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 17.1243, 16.4047, 5.6320 by changing the saturation by 10% instead.

■ 17.1243, 16.4047,
5.6320

■ 17.1243, 16.4047,
5.6320

229.0300,
231.7181, 164.9307

■ 10.4190, 9.8110,
2.5575

■ 38.0813, 37.2994,
17.6264

■ 5.7420, 5.2738,
0.8704

■ 53.0636, 52.3691,
27.3835

■ 2.7280, 2.4088,
0.0000

■ 71.5358, 71.0330,
40.2051

■ 1.0116, 0.8304,
0.0000

■ 93.8630, 93.6754,
56.5098

■ 0.0000, 0.0000,
0.0000

■ 120.4107,
120.6807, 76.7162

■ 151.5442,

152.4333, 101.2428

187.6288,
189.3176, 130.5081

■ 17.1243, 16.4047,
5.6320

■ 17.1243, 16.4047,
5.6320

■ 16.2581, 15.1225,
3.9557

■ 18.1310, 17.8108,
7.8399

■ 15.5214, 13.9567,
2.7620

■ 19.2857, 19.3433,
10.6205

■ 14.9030, 12.9019,
1.9949

■ 20.5969, 21.0072,
14.0117

■ 14.5148, 12.2139,
1.5925

■ 22.0716, 22.8069,
18.0482

■ 23.7167, 24.7460,
22.7618

■ 25.5386, 26.8285,
28.1823

■ 27.5431, 29.0576,
34.3377

■ 29.7360, 31.4369,
41.2545

■ 32.1227, 33.9695,
48.9578

Harmonies

Analogous

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



20.2679, 16.4047, 7.9369



17.1243, 16.4047, 5.6320



13.9512, 16.4047, 5.7097

Triad

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



17.1243, 16.4047, 5.6320



10.3919, 16.4047, 23.1938



20.4583, 16.4047, 33.1088

Complementary

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



17.1243, 16.4047, 5.6320



10.0821, 10.0519, 27.3953

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.



17.3570, 16.4047, 40.7330



17.1243, 16.4047, 5.6320



11.6973, 16.4047, 33.8022

Square

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



17.1243, 16.4047, 5.6320



10.3474, 16.4047, 13.9388



14.1543, 16.4047, 41.0230



22.3636, 16.4047, 22.4597

Rectangle

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



17.1243, 16.4047, 5.6320



12.2422, 16.4047, 7.0616



14.1543, 16.4047, 41.0230



19.5034, 16.4047, 36.2491

Sweetspot

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



17.1247, 16.4055, 5.6323



40.5329, 42.0424, 35.1639



14.4676, 9.1327, 10.7852



9.1255, 9.4395, 7.5836



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.1247, 16.4055, 5.6323



28.4720, 26.0816, 5.9837



20.5373, 25.0943, 7.1296



5.6562, 5.9186, 5.7337



12.8548, 10.8413, 1.4151



0.1447, 0.1472, 0.0208

Inverse Universe

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



10.0821, 10.0519, 27.3953



14.7804, 13.7692, 48.4167



8.1250, 5.5058, 26.6210



5.3003, 5.5964, 6.8296



5.7765, 4.5390, 23.5487



0.0760, 0.0850, 0.2321

Previews

White Background



This preview shows how the XYZ color 17.1243, 16.4047, 5.6320 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 17.1243, 16.4047, 5.6320 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 17.1243, 16.4047, 5.6320

Background



This preview shows how black text looks on a background with the XYZ color 17.1243, 16.4047, 5.6320.



This preview shows how white text looks on a background with the XYZ color 17.1243, 16.4047,

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

17.1243, 16.4047, 5.6320

Protanopia

15.0522, 16.4461, 5.9955

Deuteranopia

16.8204, 16.5576, 5.6776



Tritanopia

19.2966, 16.4001, 16.3359

Trichromacy



Original Color

17.1243, 16.4047, 5.6320

Protanomaly

15.7575, 16.3237, 5.8103

Deuteranomaly

16.8848, 16.4352, 5.6505

Tritanomaly

18.3669, 16.3183, 11.4142

Monochromacy



Original Color

17.1243, 16.4047, 5.6320

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4825, 15.8864, 11.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1243, 16.4047, 5.6320 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(143, 106, 53)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 53)  
}
```

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(143, 106, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 53) }
```

Border

The CSS property to change the border of an element to XYZ 17.1243, 16.4047, 5.6320 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(143, 106, 53) }
```


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

```
.border{ border-color:rgb(143, 106, 53) }
```

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

Here you see how a box with a 4 pixel rgb(143, 106, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 53);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1243, 16.4047, 5.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 53) }
```

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

```
.background{ background-color: rgb(143,  
106, 53) }
```

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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