

Converting Colors

XYZ(17.5907, 12.7064, 3.8258)

Have a look what the booklet for
XYZ(17.5907, 12.7064, 3.8258)
contains.

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Color

**XYZ(17.6501, 12.7836,
3.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	A14B2B
RGB	161, 75, 43
RGB Percent	63%, 29%, 17%
CMY	0.3686, 0.7059, 0.8314
CMYK	0.00, 0.53, 0.73, 0.37
HSL	16°, 58%, 40%
HSV	16°, 73%, 63%
XYZ	17.6501, 12.7836, 3.8227
YIQ	97.0660, 61.5280, 8.2800

Conversions

Conversions Part 2

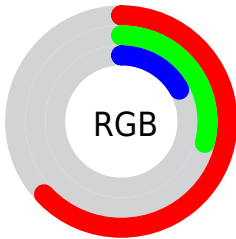
Format	Color
R_{YB}	161, 87, 43
Decimal	10570539
CIE Lab	42.44, 33.38, 35.26
CIE LCh	42, 48.557, 46.568
Yxy	12.7836, 0.5152, 0.3732
Android (android.graphics.Color)	4288760619 (0xFFA14B2B)
YUV	97.0660, -26.6545, 56.0701
Hunter-Lab	35.7542, 25.5470, 18.6888

Details

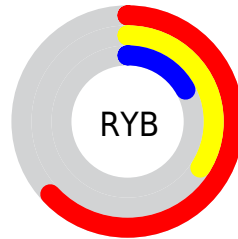
The XYZ color **17.6501, 12.7836, 3.8227** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.2790, 18.7862, 36.5390**, and the grayscale version is **11.4317, 12.0271, 13.0975**.

A 20% lighter version of the original color is **39.1251, 31.0320, 13.6005**, and **6.0783, 3.6818, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **16.6872, 11.2409, 2.3211**, and if you desaturate by 10%, it is **18.8770, 14.6679, 5.9877**.

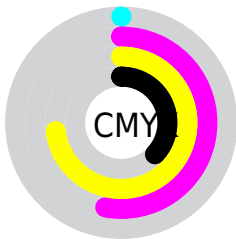
Distribution



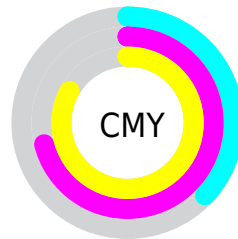
- Red (63%)
- Green (29%)
- Blue (17%)



- Red (63%)
- Yellow (34%)
- Blue (17%)



- Cyan (0%)
- Magenta (53%)
- Yellow (73%)
- Black (37%)





- Cyan (37%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6501, 12.7836, 3.8227 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 17.6501, 12.7836, 3.8227 by changing the saturation by 10% instead.


 17.6501, 12.7836,
3.8227

 17.6501, 12.7836,
3.8227


231.9753,
209.5261, 146.2338


 10.7972, 7.2797,
1.5286


 38.9750, 30.9145,
13.5987


 5.9969, 3.6376,
0.2391


 54.1777, 44.3102,
21.9178


 2.8839, 1.4730,
0.0000

 72.8944, 61.1054,
33.0822

 1.0926, 0.2696,
0.0000

 95.4905, 81.6843,
47.5105

 0.0190, 0.0000,
0.0000

 122.3312,
106.4315, 65.6213

 0.0000, 0.0000,
0.0000

 153.7820,

135.7312, 87.8331

190.2083,
169.9680, 114.5644

■ 17.6501, 12.7836,
3.8227

■ 17.6501, 12.7836,
3.8227

■ 16.6872, 11.2409,
2.3211

■ 18.8770, 14.6679,
5.9877

■ 15.9647, 10.0157,
1.4024

■ 20.3867, 16.9117,
8.8825

■ 15.5862, 9.3537,
0.9840

■ 22.1973, 19.5337,
12.5662

■ 24.3248, 22.5509,
17.0914

■ 26.7843, 25.9792,
22.5065

■ 29.5895, 29.8335,
28.8558

■ 32.7537, 34.1279,
36.1808

■ 36.2892, 38.8760,
44.5207

■ 40.2079, 44.0908,
53.9121

Harmonies

Analogous

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



20.2070, 12.7836, 8.9329



17.6501, 12.7836, 3.8227



13.8569, 12.7836, 2.0867

Triad

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



17.6501, 12.7836, 3.8227



6.5170, 12.7836, 9.7482



14.2664, 12.7836, 43.4916

Complementary

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



17.6501, 12.7836, 3.8227



15.2790, 18.7862, 36.5390

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.



10.5901, 12.7836, 44.1038



17.6501, 12.7836, 3.8227



6.5829, 12.7836, 20.4828

Square

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



17.6501, 12.7836, 3.8227



7.7284, 12.7836, 4.1613



7.9313, 12.7836, 34.2457



18.0012, 12.7836, 32.8458

Rectangle

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



17.6501, 12.7836, 3.8227



11.3642, 12.7836, 1.9708



7.9313, 12.7836, 34.2457



12.9721, 12.7836, 45.0125

Sweetspot

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



17.6504, 12.7843, 3.8229



48.3845, 47.1019, 41.2378



19.5598, 10.9041, 22.0291



10.3536, 9.9732, 8.4686



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.



17.6504, 12.7843, 3.8229



29.0153, 18.6725, 2.9998



23.5856, 24.6546, 5.8013



7.2228, 7.3841, 7.4247



12.4783, 7.5305, 0.7959



0.2992, 0.2323, 0.0291

Inverse Universe

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



15.2790, 18.7862, 36.5390



24.3555, 29.6789, 64.8315



9.6530, 7.5342, 34.6637



7.1129, 7.6848, 9.0115



10.2845, 12.3483, 28.7712



0.2520, 0.3313, 0.6165

Previews

White Background



This preview shows how the XYZ color 17.6501, 12.7836, 3.8227 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 17.6501, 12.7836, 3.8227 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 17.6501, 12.7836, 3.8227

Background



This preview shows how black text looks on a background with the XYZ color 17.6501, 12.7836, 3.8227.



This preview shows how white text looks on a background with the XYZ color 17.6501, 12.7836,

3.8227.

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

17.6501, 12.7836, 3.8227

Protanopia

11.8068, 12.9259, 5.0046

Deuteranopia

13.1369, 12.9413, 3.6393



Tritanopia

18.6620, 12.8148, 8.3274

Trichromacy



Original Color

17.6501, 12.7836, 3.8227

Protanomaly

13.4139, 12.5348, 4.5088

Deuteranomaly

14.5202, 12.6216, 3.6784

Tritanomaly

18.1431, 12.6863, 6.3429

Monochromacy



Original Color

17.6501, 12.7836, 3.8227

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.6577, 11.6736, 8.6073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6501, 12.7836, 3.8227 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(161, 75, 43)` looks like.

```
.text, #text, p{  
    color:rgb(161, 75, 43)  
}
```

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(161, 75, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 75, 43) }
```

Border

The CSS property to change the border of an element to XYZ 17.6501, 12.7836, 3.8227 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(161, 75, 43) }
```


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

```
.border{ border-color:rgb(161, 75, 43) }
```

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

Here you see how a box with a 4 pixel rgb(161, 75, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 75, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 75, 43);  
box-shadow:4px 4px 4px 4px rgb(161, 75,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6501, 12.7836, 3.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 75, 43) }
```

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

```
.background{ background-color: rgb(161, 75,  
43) }
```

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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