

Converting Colors

XYZ(17.6364, 11.7566, 3.9245)

Have a look what the booklet for
XYZ(17.6364, 11.7566, 3.9245)
contains.

XYZ(17.6364, 11.7566, 3.9245)	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(17.6364, 11.7566,
3.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	A4402E
RGB	164, 64, 46
RGB Percent	64%, 25%, 18%
CMY	0.3569, 0.7490, 0.8196
CMYK	0.00, 0.61, 0.72, 0.36
HSL	9°, 56%, 41%
HSV	9°, 72%, 64%
XYZ	17.6364, 11.7566, 3.9245
YIQ	91.8480, 65.3780, 15.6020

Conversions

Conversions Part 2

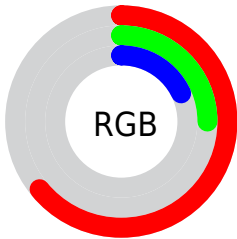
Format	Color
RYB	164, 67, 46
Decimal	10764334
CIELab	40.83, 40.24, 31.91
CIELCh	41, 51.360, 38.414
Yxy	11.7566, 0.5293, 0.3529
Android (android.graphics.Color)	4288954414 (0xFFA4402E)
YUV	91.8480, -22.6031, 63.2773
Hunter-Lab	34.2879, 31.8098, 17.2154

Details

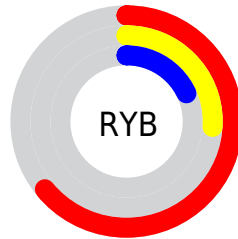
The XYZ color **17.6364, 11.7566, 3.9245** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.1055, 23.8171, 38.7646**, and the grayscale version is **10.1780, 10.7081, 11.6611**.

A 20% lighter version of the original color is **38.9616, 29.1284, 13.9248**, and **6.0198, 3.2161, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **16.6843, 10.2747, 2.3056**, and if you desaturate by 10%, it is **18.9079, 13.6798, 6.2592**.

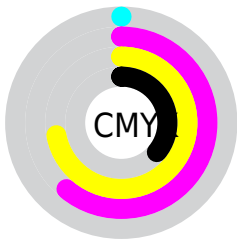
Distribution



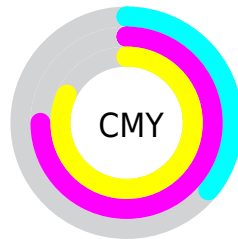
- Red (64%)
- Green (25%)
- Blue (18%)



- Red (64%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (72%)
- Black (36%)





- Cyan (36%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6364, 11.7566, 3.9245 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 17.6364, 11.7566, 3.9245 by changing the saturation by 10% instead.


 17.6364, 11.7566,
3.9245

 17.6364, 11.7566,
3.9245


231.8990,
202.7872, 147.3825


 10.7874, 6.5782,
1.5840


 38.9517, 29.0510,
13.8353


 5.9903, 3.1997,
0.2794


 54.1487, 41.9358,
22.2426


 2.8798, 1.2369,
0.0000

 72.8591, 58.1581,
33.5093

 1.0905, 0.0915,
0.0000

 95.4482, 78.1024,
48.0540

 0.0172, 0.0000,
0.0000

 122.2814,
102.1531, 66.2951

 0.0000, 0.0000,
0.0000

 153.7240,

130.6945, 88.6511

190.1414,
164.1111, 115.5408

■ 17.6364, 11.7566,
3.9245

■ 17.6364, 11.7566,
3.9245

■ 16.6843, 10.2747,
2.3056

■ 18.9079, 13.6798,
6.2592

■ 16.0210, 9.1966,
1.3183

■ 20.5238, 16.0740,
9.3801

■ 15.6579, 8.5888,
0.8325

■ 22.5075, 18.9685,
13.3494

■ 24.8802, 22.3895,
18.2232

■ 27.6614, 26.3616,
24.0527

■ 30.8691, 30.9077,
30.8852

■ 34.5206, 36.0494,
38.7649

■ 38.6318, 41.8073,
47.7334

■ 43.2181, 48.2008,
57.8299

Harmonies

Analogous

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



19.6699, 11.7566, 10.0755



17.6364, 11.7566, 3.9245



13.9650, 11.7566, 1.7237

Triad

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



17.6364, 11.7566, 3.9245



5.8297, 11.7566, 6.7312



12.2347, 11.7566, 44.8272

Complementary

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



17.6364, 11.7566, 3.9245



18.1055, 23.8171, 38.7646

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.



8.7826, 11.7566, 42.1271



17.6364, 11.7566, 3.9245



5.5634, 11.7566, 15.9782

Square

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



17.6364, 11.7566, 3.9245



7.3511, 11.7566, 2.6192



6.5220, 11.7566, 29.8254



16.1355, 11.7566, 35.9403

Rectangle

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



17.6364, 11.7566, 3.9245



11.3700, 11.7566, 1.3805



6.5220, 11.7566, 29.8254



10.9808, 11.7566, 45.3108

Sweetspot

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



17.6367, 11.7573, 3.9247



49.9597, 47.4944, 43.1302



21.4984, 11.9312, 28.4864



10.6279, 9.9640, 8.8088



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.6367, 11.7573, 3.9247



29.5421, 17.4559, 3.0398



22.8487, 22.1813, 5.6620



7.1570, 7.2524, 7.4027



12.0292, 6.6323, 0.6462



0.2762, 0.1863, 0.0214

Inverse Universe

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



18.1055, 23.8171, 38.7646



30.2763, 40.2972, 69.9347



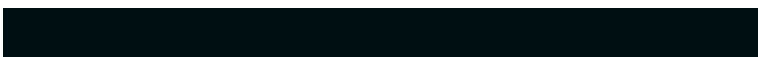
11.2601, 10.1263, 36.4828



7.1836, 7.8263, 9.0351



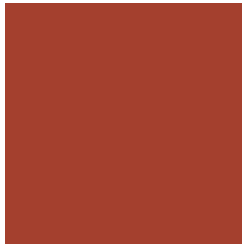
12.2420, 16.2635, 29.4237



0.2806, 0.3884, 0.6260

Previews

White Background



This preview shows how the XYZ color 17.6364, 11.7566, 3.9245 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 17.6364, 11.7566, 3.9245 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 17.6364, 11.7566, 3.9245

Background



This preview shows how black text looks on a background with the XYZ color 17.6364, 11.7566, 3.9245.



This preview shows how white text looks on a background with the XYZ color 17.6364, 11.7566,

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

17.6364, 11.7566, 3.9245

Protanopia

10.9571, 11.9090, 5.5921

Deuteranopia

12.0953, 11.8724, 3.6616



Tritanopia

18.1938, 11.8262, 6.3248

Trichromacy



Original Color

17.6364, 11.7566, 3.9245

Protanomaly

12.6435, 11.2661, 4.8763

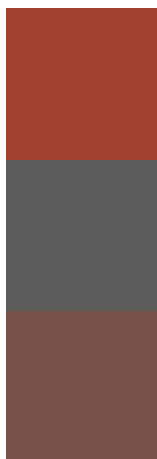
Deuteranomaly

13.7517, 11.5201, 3.6893

Tritanomaly

18.0583, 11.8598, 5.3404

Monochromacy



Original Color

17.6364, 11.7566, 3.9245

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.7585, 10.3941, 8.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6364, 11.7566, 3.9245 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(164, 64, 46)` looks like.

```
.text, #text, p{  
    color:rgb(164, 64, 46)  
}
```

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(164, 64, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 64, 46) }
```

Border

The CSS property to change the border of an element to XYZ 17.6364, 11.7566, 3.9245 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(164, 64, 46) }
```


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

```
.border{ border-color:rgb(164, 64, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 64, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 64, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 64, 46);  
box-shadow:4px 4px 4px 4px rgb(164, 64,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6364, 11.7566, 3.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 64, 46) }
```

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

```
.background{ background-color: rgb(164, 64,  
46) }
```

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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