

Converting Colors

XYZ(17.2274, 10.6243, 4.7571)

Have a look what the booklet for
XYZ(17.2274, 10.6243, 4.7571)
contains.

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Color

**XYZ(17.2274, 10.6243,
4.7571)**

Conversions

Conversions Part 1

Format	Color
Hex	A43437
RGB	164, 52, 55
RGB Percent	64%, 20%, 22%
CMY	0.3569, 0.7961, 0.7843
CMYK	0.00, 0.68, 0.66, 0.36
HSL	358°, 52%, 42%
HSV	358°, 68%, 64%
XYZ	17.2274, 10.6243, 4.7571
YIQ	85.8300, 65.7890, 24.6770

Conversions

Conversions Part 2

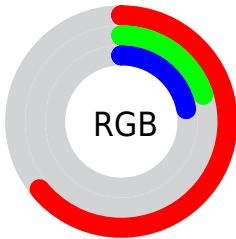
Format	Color
RYB	164, 52, 55
Decimal	10761271
CIELab	38.94, 46.15, 24.28
CIElCh	39, 52.151, 27.752
Yxy	10.6243, 0.5283, 0.3258
Android (android.graphics.Color)	4288951351 (0xFFA43437)
YUV	85.8300, -15.1992, 68.5551
Hunter-Lab	32.5949, 37.3014, 14.1633

Details

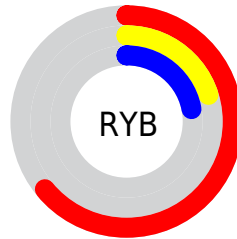
The XYZ color **17.2274, 10.6243, 4.7571** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.1255, 29.8544, 38.3702**, and the grayscale version is **8.8313, 9.2912, 10.1181**.

A 20% lighter version of the original color is **38.1903, 26.9098, 15.7516**, and **6.0102, 3.0907, 0.6276** is the 20% darker color. If you saturate the color by 10%, you get **16.2956, 9.2773, 2.8546**, and if you desaturate by 10%, it is **18.5377, 12.5306, 7.3964**.

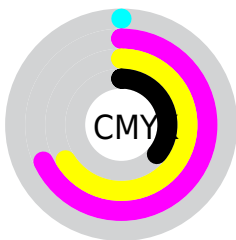
Distribution



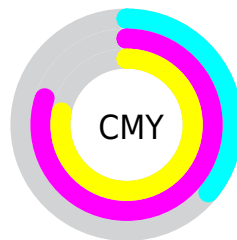
- Red (64%)
- Green (20%)
- Blue (22%)



- Red (64%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (66%)
- Black (36%)





- Cyan (36%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2274, 10.6243, 4.7571 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 17.2274, 10.6243, 4.7571 by changing the saturation by 10% instead.

 17.2274, 10.6243,
4.7571


 17.2274, 10.6243,
4.7571


229.6102,
195.0716, 156.3016


 10.4931, 5.8148,
2.0492


 38.2568, 26.9633,
15.7213


 5.7918, 2.7328,
0.5853

 53.2826, 39.2616,
24.8147


 2.7584, 0.9939,
0.0000

 71.8030, 54.8250,
36.8737

 1.0273, 0.0000,
0.0000

 94.1832, 74.0378,
52.3169

 0.0000, 0.0000,
0.0000

 120.7887, 97.2845,
71.5627

 151.9848,

124.9494, 95.0297

188.1369,
157.4170, 123.1365

■ 17.2274, 10.6243,
4.7571

■ 17.2274, 10.6243,
4.7571

■ 16.2956, 9.2773,
2.8546

■ 18.5377, 12.5306,
7.3964

■ 15.7016, 8.4274,
1.6137

■ 20.2602, 15.0460,
10.8368

■ 15.3792, 7.9690,
0.9319

■ 22.4260, 18.2170,
15.1360

■ 15.3338, 7.9021,
0.8429

■ 25.0626, 22.0851,
20.3465

■ 28.1955, 26.6884,
26.5163

■ 31.8484, 32.0621,
33.6903

■ 36.0433, 38.2392,
41.9105

■ 40.8012, 45.2509,
51.2164

■ 46.1418, 53.1265,
61.6455

Harmonies

Analogous

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



18.3388, 10.6243, 12.3337



17.2274, 10.6243, 4.7571



14.0925, 10.6243, 1.7652

Triad

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



17.2274, 10.6243, 4.7571



5.4414, 10.6243, 4.0749



9.8387, 10.6243, 43.0885

Complementary

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



17.2274, 10.6243, 4.7571



21.1255, 29.8544, 38.3702

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.



6.9403, 10.6243, 36.4192



17.2274, 10.6243, 4.7571



4.7911, 10.6243, 10.8348

Square

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



17.2274, 10.6243, 4.7571



7.2992, 10.6243, 1.5598



5.2700, 10.6243, 22.9407



13.5341, 10.6243, 38.0526

Rectangle

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



17.2274, 10.6243, 4.7571



11.5805, 10.6243, 1.1406



5.2700, 10.6243, 22.9407



8.7479, 10.6243, 42.0867

Sweetspot

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



17.2276, 10.6249, 4.7573



49.9160, 46.5863, 45.6457



22.4796, 12.6380, 36.3763



10.5735, 9.6864, 9.3116



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.



17.2276, 10.6249, 4.7573



28.9416, 15.9246, 3.8580



20.9073, 18.0956, 5.6405



7.0811, 7.0889, 7.4134



11.7601, 6.0601, 0.6614



0.2493, 0.1282, 0.0253

Inverse Universe

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



17.2276, 10.6249, 4.7573



28.9416, 15.9246, 3.8580



13.8825, 14.9408, 37.2739



7.0811, 7.0889, 7.4134



11.7601, 6.0601, 0.6614



0.2493, 0.1282, 0.0253

Previews

White Background



This preview shows how the XYZ color 17.2274, 10.6243, 4.7571 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

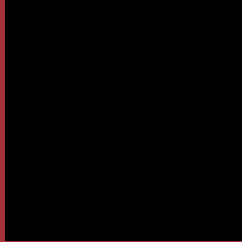
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2274, 10.6243, 4.7571

Background



This preview shows how black text looks on a background with the XYZ color 17.2274, 10.6243, 4.7571.



This preview shows how white text looks on a background with the XYZ color 17.2274, 10.6243,

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

17.2274, 10.6243, 4.7571

Protanopia

10.1973, 10.9363, 7.5347

Deuteranopia

10.9835, 10.7786, 4.4073



Tritanopia

17.2274, 10.6243, 4.7571

Trichromacy



Original Color

17.2274, 10.6243, 4.7571

Protanomaly

11.8469, 10.0414, 6.3148

Deuteranomaly

12.6293, 10.1767, 4.4306

Tritanomaly

17.2274, 10.6243, 4.7571

Monochromacy



Original Color

17.2274, 10.6243, 4.7571

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.6582, 8.9830, 7.8287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2274, 10.6243, 4.7571 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, 52, 55)` looks like.

```
.text, #text, p{  
    color:rgb(164, 52, 55)  
}
```

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, 52, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 52, 55) }
```

Border

The CSS property to change the border of an element to XYZ 17.2274, 10.6243, 4.7571 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, 52, 55) }
```


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

```
.border{ border-color:rgb(164, 52, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 52, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 52, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 52, 55);  
box-shadow:4px 4px 4px 4px rgb(164, 52,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2274, 10.6243, 4.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 52, 55) }
```

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

```
.background{ background-color: rgb(164, 52,  
55) }
```

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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