

Converting Colors

XYZ(20.7925, 17.7337, 15.3615)

Have a look what the booklet for
XYZ(20.7925, 17.7337, 15.3615)
contains.

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Color

**XYZ(20.7754, 17.7701,
15.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6868
RGB	154, 104, 104
RGB Percent	60%, 41%, 41%
CMY	0.3961, 0.5921, 0.5922
CMYK	0.00, 0.32, 0.32, 0.40
HSL	0°, 20%, 51%
HSV	0°, 32%, 60%
XYZ	20.7754, 17.7701, 15.4317
YIQ	118.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

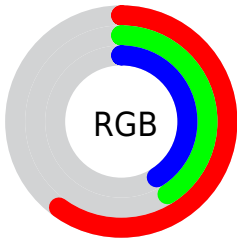
Format	Color
R_{YB}	154, 104, 104
Decimal	10119272
CIE _{Lab}	49.22, 20.09, 8.17
CIE _{LCh}	49, 21.683, 22.125
Yxy	17.7701, 0.3849, 0.3292
Android (android.graphics.Color)	4288309352 (0xFF9A6868)
YUV	118.9500, -7.3703, 30.7389
Hunter-Lab	42.1546, 14.2011, 7.8037

Details

The XYZ color **20.7754, 17.7701, 15.4317** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0968, 28.3864, 34.8336**, and the grayscale version is **17.5351, 18.4483, 20.0902**.

A 20% lighter version of the original color is **44.3832, 39.8451, 36.3620**, and **7.5195, 5.8905, 4.6115** is the 20% darker color. If you saturate the color by 10%, you get **18.6525, 14.6638, 11.2108**, and if you desaturate by 10%, it is **23.3252, 21.5014, 20.5001**.

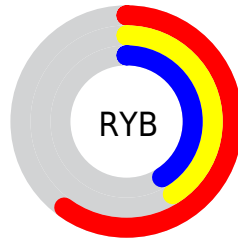
Distribution



Red (60%)

Green (41%)

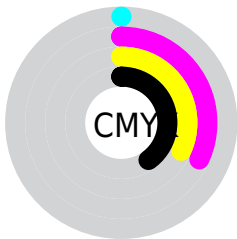
Blue (41%)



Red (60%)

Yellow (41%)

Blue (41%)

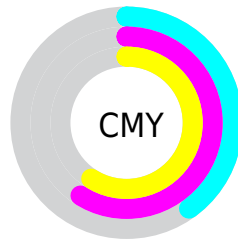


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7754, 17.7701, 15.4317 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 20.7754, 17.7701, 15.4317 by changing the saturation by 10% instead.

■ 20.7754, 17.7701,
15.4317

■ 20.7754, 17.7701,
15.4317

248.8368,
239.5720, 237.6946

■ 13.0714, 10.7851,
8.9729

■ 44.2075, 39.6452,
36.3617

■ 7.5551, 5.9225,
4.6270

■ 60.6664, 55.3040,
51.6700

■ 3.8610, 2.7980,
1.9752

■ 80.7744, 74.6229,
70.7653

■ 1.6238, 1.0272,
0.5400

■ 104.8967, 97.9863,
94.0660

■ 0.4078, 0.0000,
0.0000

133.3987,
125.7784, 121.9908

■ 0.0000, 0.0000,
0.0000

166.6458,

158.3839, 154.9581

205.0034,
196.1869, 193.3866

■ 20.7754, 17.7701,
15.4317

■ 20.7754, 17.7701,
15.4317

■ 18.6525, 14.6638,
11.2108

■ 23.3252, 21.5014,
20.5001

■ 16.9318, 12.1459,
7.7903

■ 26.3220, 25.8864,
26.4575

■ 15.5884, 10.1802,
5.1198

■ 29.7861, 30.9554,
33.3441

■ 14.5941, 8.7251,
3.1432

■ 33.7364, 36.7358,
41.1973

■ 13.9164, 7.7334,
1.7962

■ 38.1907, 43.2536,
50.0524

■ 13.5172, 7.1492,
1.0027

■ 43.1658, 50.5335,
59.9430

■ 13.3265, 6.8702,
0.6237

■ 48.6778, 58.5991,
70.9009

■ 54.7421, 67.4727,
82.9568

■ 61.3734, 77.1762,
96.1401

Harmonies

Analogous

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



21.0648, 17.7701, 20.9232



20.7754, 17.7701, 15.4317



19.4049, 17.7701, 11.7898

Triad

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



20.7754, 17.7701, 15.4317



13.9889, 17.7701, 13.2580



16.3601, 17.7701, 32.6891

Complementary

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



20.7754, 17.7701, 15.4317



23.0968, 28.3864, 34.8336

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.



14.6023, 17.7701, 29.5972



20.7754, 17.7701, 15.4317



13.3067, 17.7701, 17.8551

Square

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



20.7754, 17.7701, 15.4317



15.4603, 17.7701, 10.7215



13.5219, 17.7701, 23.8779



18.4051, 17.7701, 31.6803

Rectangle

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



20.7754, 17.7701, 15.4317



18.1182, 17.7701, 10.5312



13.5219, 17.7701, 23.8779



15.7185, 17.7701, 32.0763

Sweetspot

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



20.7759, 17.7709, 15.4321



49.1666, 49.0011, 50.7471



24.1096, 19.1039, 32.9886



10.9508, 10.8309, 11.1328



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.7759, 17.7709, 15.4321



34.8457, 28.0456, 22.2778



23.6755, 23.5701, 16.3986



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



23.0968, 28.3864, 34.8336



39.7381, 50.4218, 63.1743



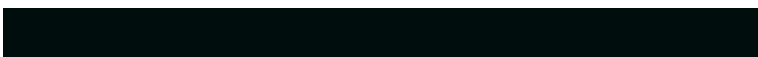
19.3921, 20.9768, 33.5987



6.3846, 7.0265, 7.9487



14.1654, 20.7276, 28.1619



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 20.7754, 17.7701, 15.4317 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 20.7754, 17.7701, 15.4317 looks on a black 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

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

XYZ 20.7754, 17.7701, 15.4317

Background



This preview shows how black text looks on a background with the XYZ color 20.7754, 17.7701, 15.4317.



This preview shows how white text looks on a background with the XYZ color 20.7754, 17.7701,

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

20.7754, 17.7701, 15.4317

Protanopia

17.1157, 17.9352, 17.5987

Deuteranopia

18.1349, 17.8379, 15.0576



Tritanopia

21.2371, 17.8168, 17.3586

Trichromacy



Original Color

20.7754, 17.7701, 15.4317

Protanomaly

18.1738, 17.6576, 16.6378

Deuteranomaly

19.0086, 17.7939, 15.2647

Tritanomaly

21.0746, 17.7518, 16.5030

Monochromacy



Original Color

20.7754, 17.7701, 15.4317

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.5703, 18.1551, 18.4451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7754, 17.7701, 15.4317 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(154, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(154, 104, 104)  
}
```

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(154, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 20.7754, 17.7701, 15.4317 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(154, 104, 104) }
```


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

```
.border{ border-color:rgb(154, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(154, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7754, 17.7701, 15.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 104, 104) }
```

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

```
.background{ background-color: rgb(154,  
104, 104) }
```

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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