

Converting Colors

XYZ(17.5057, 15.9377, 11.2444)

Have a look what the booklet for
XYZ(17.5057, 15.9377, 11.2444)
contains.

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Color

**XYZ(17.4562, 15.8536,
11.1568)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6657
RGB	141, 102, 87
RGB Percent	55%, 40%, 34%
CMY	0.4471, 0.6000, 0.6588
CMYK	0.00, 0.28, 0.38, 0.45
HSL	17°, 24%, 45%
HSV	17°, 38%, 55%
XYZ	17.4562, 15.8536, 11.1568
YIQ	111.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

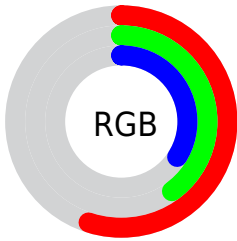
Format	Color
R_{YB}	141, 108, 87
Decimal	9266775
CIE _{Lab}	46.78, 13.60, 14.66
CIE _{LCh}	47, 19.993, 47.141
Yxy	15.8536, 0.3926, 0.3565
Android (android.graphics.Color)	4287456855 (0xFF8D6657)
YUV	111.9510, -12.3008, 25.4760
Hunter-Lab	39.8166, 8.5781, 11.2583

Details

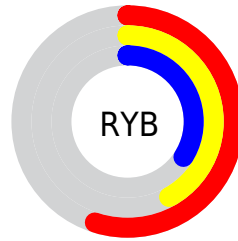
The XYZ color **17.4562, 15.8536, 11.1568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1988, 18.8703, 27.9879**, and the grayscale version is **15.4163, 16.2191, 17.6626**.

A 20% lighter version of the original color is **38.6715, 36.3244, 28.6400**, and **5.9039, 5.0234, 2.8489** is the 20% darker color. If you saturate the color by 10%, you get **15.9955, 13.7658, 8.1001**, and if you desaturate by 10%, it is **19.1532, 18.2338, 14.8478**.

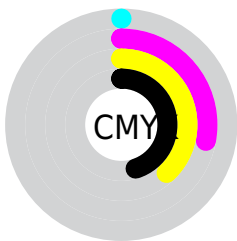
Distribution



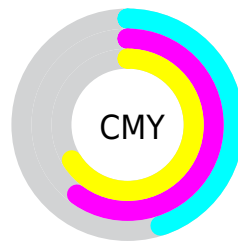
- Red (55%)
- Green (40%)
- Blue (34%)



- Red (55%)
- Yellow (42%)
- Blue (34%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (45%)





- Cyan (45%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4562, 15.8536, 11.1568 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 17.4562, 15.8536, 11.1568 by changing the saturation by 10% instead.


 17.4562, 15.8536,
11.1568


 17.4562, 15.8536,
11.1568


230.8931,
228.4763, 209.5161


 10.6576, 9.4206,
6.0569


 38.6459, 36.3439,
28.5908


 5.9027, 5.0165,
2.8104

 53.7677, 51.1699,
41.7620


 2.8261, 2.2570,
0.9986

 72.3946, 69.5625,
58.4608

 1.0625, 0.7508,
0.0000

 94.8919, 91.9059,
79.1055

 0.0000, 0.0000,
0.0000

 121.6251,
118.5846, 104.1149

152.9595,

149.9830, 133.9074

189.2604,
186.4854, 168.9016

■ 17.4562, 15.8536,
11.1568

■ 17.4562, 15.8536,
11.1568

■ 15.9955, 13.7658,
8.1001

■ 19.1532, 18.2338,
14.8478

■ 14.7589, 11.9567,
5.6406

■ 21.0955, 20.9150,
19.2054

■ 13.7348, 10.4146,
3.7388

■ 23.2932, 23.9082,
24.2609

■ 12.9100, 9.1264,
2.3500

■ 25.7554, 27.2232,
30.0432

■ 12.2697, 8.0773,
1.4225

■ 28.4907, 30.8693,
36.5797

■ 11.7875, 7.2476,
0.8466

■ 31.5074, 34.8555,
43.8962

■ 11.7158, 7.1253,
0.7578

■ 34.8133, 39.1903,
52.0174

■ 38.4159, 43.8822,
60.9670

■ 42.3226, 48.9390,
70.7675

Harmonies

Analogous

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



18.4905, 15.8536, 14.5934



17.4562, 15.8536, 11.1568



15.8239, 15.8536, 9.5151

Triad

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



17.4562, 15.8536, 11.1568



12.0412, 15.8536, 15.2195



16.0743, 15.8536, 28.1103

Complementary

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



17.4562, 15.8536, 11.1568



16.1988, 18.8703, 27.9879

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.



14.3372, 15.8536, 28.3672



17.4562, 15.8536, 11.1568



12.0969, 15.8536, 20.2373

Square

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



17.4562, 15.8536, 11.1568



12.7503, 15.8536, 11.5389



12.9089, 15.8536, 25.2656



17.6516, 15.8536, 24.6196

Rectangle

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



17.4562, 15.8536, 11.1568



14.6570, 15.8536, 9.4041



12.9089, 15.8536, 25.2656



15.4874, 15.8536, 28.5985

Sweetspot

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



17.4566, 15.8544, 11.1571



40.5094, 41.1815, 40.6542



18.1975, 14.0011, 21.6857



8.9439, 9.0566, 8.8402



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.4566, 15.8544, 11.1571



28.9650, 25.1137, 15.1613



20.4764, 21.8938, 12.1637



5.5233, 5.6529, 5.6894



10.6946, 6.5210, 0.6950



0.1188, 0.0955, 0.0122

Inverse Universe

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



16.1988, 18.8703, 27.9879



26.3654, 31.2931, 49.7784



13.2572, 12.9873, 27.0074



5.4353, 5.8664, 6.8746



8.7141, 10.4142, 24.5279



0.1019, 0.1367, 0.2407

Previews

White Background



This preview shows how the XYZ color 17.4562, 15.8536, 11.1568 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 17.4562, 15.8536, 11.1568 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 17.4562, 15.8536, 11.1568

Background



This preview shows how black text looks on a background with the XYZ color 17.4562, 15.8536, 11.1568.



This preview shows how white text looks on a background with the XYZ color 17.4562, 15.8536,

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

17.4562, 15.8536, 11.1568

Protanopia

15.0440, 15.9758, 12.1883

Deuteranopia

16.1433, 15.9331, 11.0286



Tritanopia

18.4434, 15.8249, 15.9923

Trichromacy



Original Color

17.4562, 15.8536, 11.1568

Protanomaly

15.8122, 15.8989, 11.9083

Deuteranomaly

16.5628, 15.8434, 10.9892

Tritanomaly

18.0128, 15.7852, 14.1541

Monochromacy



Original Color

17.4562, 15.8536, 11.1568

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9791, 15.9154, 15.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4562, 15.8536, 11.1568 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(141, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(141, 102, 87)  
}
```

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(141, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 102, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.4562, 15.8536, 11.1568 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(141, 102, 87) }
```


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

```
.border{ border-color:rgb(141, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(141, 102,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4562, 15.8536, 11.1568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 102, 87) }
```

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

```
.background{ background-color: rgb(141,  
102, 87) }
```

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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