

Converting Colors

XYZ(8.5447, 12.2181, 8.5036)

Have a look what the booklet for
XYZ(8.5447, 12.2181, 8.5036)
contains.

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Color

**XYZ(8.5570, 12.2252,
8.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6C4B
RGB	61, 108, 75
RGB Percent	24%, 42%, 29%
CMY	0.7608, 0.5765, 0.7059
CMYK	0.44, 0.00, 0.31, 0.58
HSL	138°, 28%, 33%
HSV	138°, 44%, 42%
XYZ	8.5570, 12.2252, 8.5653
YIQ	90.1850, -17.4190, -20.2270

Conversions

Conversions Part 2

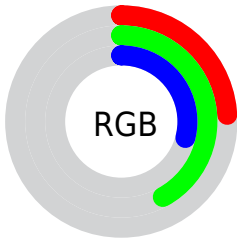
Format	Color
R_{YB}	61, 97, 108
Decimal	4025419
CIE _{Lab}	41.57, -24.06, 13.57
CIE _{LCh}	42, 27.621, 150.583
Yxy	12.2252, 0.2916, 0.4166
Android (android.graphics.Color)	4282215499 (0xFF3D6C4B)
YUV	90.1850, -7.4862, -25.5952
Hunter-Lab	34.9646, -17.5030, 9.9509

Details

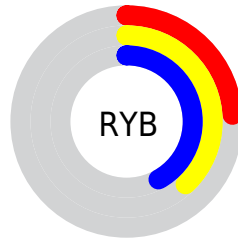
The XYZ color **8.5570, 12.2252, 8.5653** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.8738, 7.3340, 11.4852**, and the grayscale version is **9.7791, 10.2883, 11.2040**.

A 20% lighter version of the original color is **22.7644, 29.9764, 23.6550**, and **2.0012, 3.4018, 1.8475** is the 20% darker color. If you saturate the color by 10%, you get **7.7138, 11.8191, 7.2509**, and if you desaturate by 10%, it is **9.5658, 12.7138, 10.0495**.

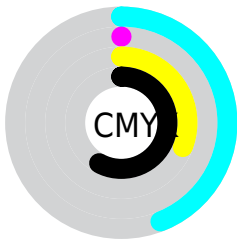
Distribution



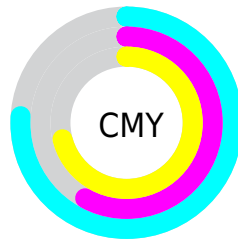
- Red (24%)
- Green (42%)
- Blue (29%)



- Red (24%)
- Yellow (38%)
- Blue (42%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (58%)



- Cyan (76%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.5570, 12.2252, 8.5653 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 8.5570, 12.2252, 8.5653 by changing the saturation by 10% instead.

8.5570, 12.2252,
8.5653

8.5570, 12.2252,
8.5653

174.3158,
205.8905, 190.1982

4.5082, 6.8972,
4.3658

22.7185, 29.9046,
23.6236

1.9934, 3.3979,
1.8281

33.5618, 43.0248,
35.3196

0.6303, 1.3428,
0.4464

47.4007, 59.5113,
50.3514

0.0000, 0.1740,
0.0000

64.6005, 79.7483,
69.1377

0.0000, 0.0000,
0.0000

85.5266, 104.1204,
92.0970

110.5442,

133.0118, 119.6478

140.0189,
166.8071, 152.2087

■ 8.5570, 12.2252,
8.5653

■ 8.5570, 12.2252,
8.5653

■ 7.7138, 11.8191,
7.2509

■ 9.5658, 12.7138,
10.0495

■ 7.0260, 11.4893,
6.0994

■ 10.7475, 13.2875,
11.7085

■ 6.4838, 11.2312,
5.1047

■ 12.1105, 13.9509,
13.5481

■ 6.0758, 11.0392,
4.2598

■ 13.6621, 14.7075,
15.5734

■ 5.7857, 10.9049,
3.5572

■ 15.4092, 15.5609,
17.7896

■ 5.6258, 10.8308,
3.1728

■ 17.3583, 16.5144,
20.2014

■ 19.5159, 17.5711,
22.8136

■ 21.8879, 18.7340,
25.6307

■ 24.4800, 20.0059,
28.6569

Harmonies

Analogous

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



9.7552, 12.2252, 5.8535



8.5570, 12.2252, 8.5653



8.1557, 12.2252, 13.4246

Triad

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



8.5570, 12.2252, 8.5653



11.6592, 12.2252, 27.8013



15.2903, 12.2252, 8.4201

Complementary

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



8.5570, 12.2252, 8.5653



9.8738, 7.3340, 11.4852

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.



15.9474, 12.2252, 13.1984



8.5570, 12.2252, 8.5653



13.7077, 12.2252, 25.3522

Square

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



8.5570, 12.2252, 8.5653



9.8163, 12.2252, 25.5264



15.3378, 12.2252, 19.5489



13.6315, 12.2252, 5.7883

Rectangle

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



8.5570, 12.2252, 8.5653



8.3527, 12.2252, 17.6125



15.3378, 12.2252, 19.5489



15.6437, 12.2252, 9.7742

Sweetspot

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



8.5573, 12.2257, 8.5656



21.3032, 24.5122, 23.8408



10.8918, 13.4786, 6.4425



5.0486, 5.8806, 5.6273



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



8.5573, 12.2257, 8.5656



13.5564, 20.7560, 12.7527



9.4833, 12.5961, 13.4418



3.0977, 3.4583, 3.4982



6.6988, 12.9136, 3.7250



33.7919, 65.6638, 17.1827

Inverse Universe

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



9.8738, 7.3340, 11.4852



16.1850, 10.9702, 18.5683



8.9966, 6.9831, 6.8660



3.1810, 3.1493, 3.6837



8.9132, 4.4174, 8.4374



45.0214, 22.3505, 40.9108

Previews

White Background



This preview shows how the XYZ color 8.5570, 12.2252, 8.5653 looks on a white background.

Color Contrast Check

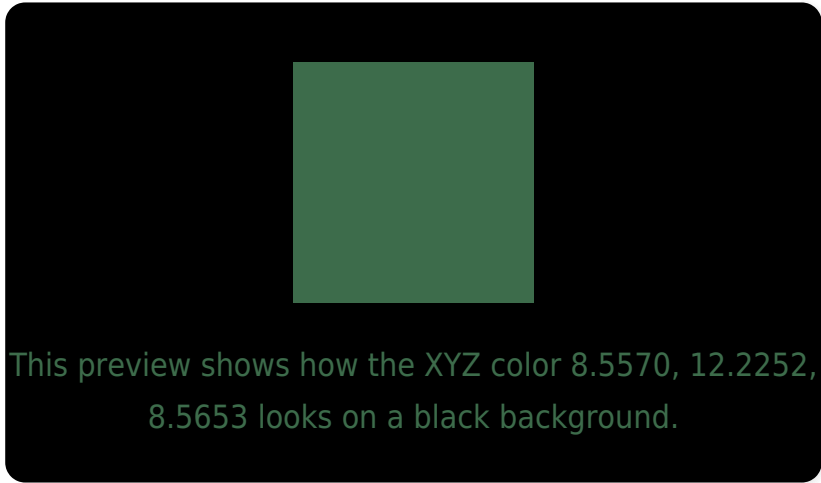
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.5570, 12.2252, 8.5653

Background



This preview shows how black text looks on a background with the XYZ color 8.5570, 12.2252, 8.5653.



This preview shows how white text looks on a background with the XYZ color 8.5570, 12.2252,

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

8.5570, 12.2252, 8.5653

Protanopia

11.2989, 12.1808, 7.5500

Deuteranopia

12.3173, 12.1329, 8.9004



Tritanopia

10.2291, 12.1356, 17.1325

Trichromacy



Original Color

8.5570, 12.2252, 8.5653

Protanomaly

10.0409, 12.0945, 7.9361

Deuteranomaly

10.5207, 11.8924, 8.7621

Tritanomaly

9.5505, 12.1623, 13.6486

Monochromacy



Original Color

8.5570, 12.2252, 8.5653

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.1388, 10.8675, 10.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.5570, 12.2252, 8.5653 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(61, 108, 75)` looks like.

```
.text, #text, p{  
    color:rgb(61, 108, 75)  
}
```

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(61, 108, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 108, 75) }
```

Border

The CSS property to change the border of an element to XYZ 8.5570, 12.2252, 8.5653 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(61, 108, 75) }
```


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

```
.border{ border-color:rgb(61, 108, 75) }
```

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

Here you see how a box with a 4 pixel rgb(61, 108, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 108, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 108, 75);  
box-shadow:4px 4px 4px 4px rgb(61, 108,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 8.5570, 12.2252, 8.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 108, 75) }
```

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

```
.background{ background-color: rgb(61, 108,  
75) }
```

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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