

Converting Colors

XYZ(26.3635, 23.7003, 12.3054)

Have a look what the booklet for
XYZ(26.3635, 23.7003, 12.3054)
contains.

XYZ(26.3590, 23.7211, 12.2062)	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(26.3590, 23.7211,
12.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7A57
RGB	175, 122, 87
RGB Percent	69%, 48%, 34%
CMY	0.3137, 0.5216, 0.6588
CMYK	0.00, 0.30, 0.50, 0.31
HSL	24°, 35%, 51%
HSV	24°, 50%, 69%
XYZ	26.3590, 23.7211, 12.2062
YIQ	133.8570, 42.8230, 0.3510

Conversions

Conversions Part 2

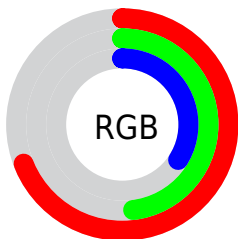
Format	Color
R_{YB}	175, 145, 87
Decimal	11500119
CIE _{Lab}	55.81, 16.55, 27.37
CIE _{LCh}	56, 31.984, 58.845
Yxy	23.7211, 0.4232, 0.3808
Android (android.graphics.Color)	4289690199 (0xFFAF7A57)
YUV	133.8570, -23.1005, 36.0824
Hunter-Lab	48.7043, 11.3725, 19.2338

Details

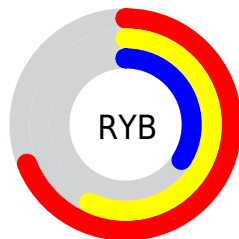
The XYZ color **26.3590, 23.7211, 12.2062** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.0460, 23.8766, 44.0567**, and the grayscale version is **22.6791, 23.8602, 25.9837**.

A 20% lighter version of the original color is **53.4496, 49.7897, 30.4602**, and **10.5285, 8.9183, 3.2643** is the 20% darker color. If you saturate the color by 10%, you get **24.5043, 21.0206, 8.4780**, and if you desaturate by 10%, it is **28.5285, 26.7740, 16.8949**.

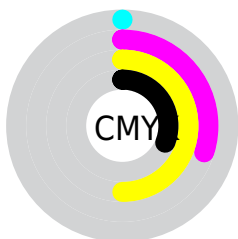
Distribution



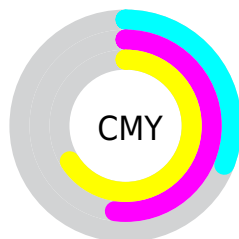
- Red (69%)
- Green (48%)
- Blue (34%)



- Red (69%)
- Yellow (57%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3590, 23.7211, 12.2062 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 26.3590, 23.7211, 12.2062 by changing the saturation by 10% instead.

 26.3590, 23.7211,
12.2062


 26.3590, 23.7211,
12.2062


276.7645,
271.4074, 216.7918


 17.2265, 15.1269,
6.7600


 53.2807, 49.5747,
30.5401

 10.4924, 8.9085,
3.2363


 71.8006, 67.6028,
44.2649


 5.7914, 4.6815,
1.2165


 94.1804, 89.5444,
61.5863

 2.7581, 2.0616,
0.0000

 120.7854,
115.7838, 82.9229

 1.0272, 0.6429,
0.0000

 151.9809,
146.7054, 108.6932

 0.0000, 0.0000,
0.0000

188.1324,

182.6936, 139.3158

229.6051,
224.1328, 175.2091

■ 26.3590, 23.7211,
12.2062

■ 26.3590, 23.7211,
12.2062

■ 24.5043, 21.0206,
8.4780

■ 28.5285, 26.7740,
16.8949

■ 22.9456, 18.6550,
5.6404

■ 31.0269, 30.1888,
22.6045

■ 21.6641, 16.6102,
3.6158

■ 33.8693, 33.9792,
29.3921

■ 20.6379, 14.8696,
2.3128

■ 37.0692, 38.1567,
37.3100

■ 19.8450, 13.4456,
1.5493

■ 40.6396, 42.7326,
46.4073

■ 44.5926, 47.7175,
56.7300

■ 48.9397, 53.1218,
68.3215

■ 53.6920, 58.9552,
81.2234

■ 58.8601, 65.2272,
95.4752

Harmonies

Analogous

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



29.2393, 23.7211, 17.3248



26.3590, 23.7211, 12.2062



22.6874, 23.7211, 10.5392

Triad

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



26.3590, 23.7211, 12.2062



16.2553, 23.7211, 25.4267



26.0890, 23.7211, 47.6287

Complementary

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



26.3590, 23.7211, 12.2062



21.0460, 23.8766, 44.0567

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.



22.4056, 23.7211, 51.4554



26.3590, 23.7211, 12.2062



16.9614, 23.7211, 36.7388

Square

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



26.3590, 23.7211, 12.2062



17.0782, 23.7211, 16.7946



19.1200, 23.7211, 47.0243



29.0720, 23.7211, 37.6301

Rectangle

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



26.3590, 23.7211, 12.2062



20.3631, 23.7211, 11.1383



19.1200, 23.7211, 47.0243



24.8800, 23.7211, 49.7815

Sweetspot

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



26.3596, 23.7223, 12.2067



63.4576, 64.5278, 59.5085



25.9150, 17.8616, 27.3853



13.8440, 14.0018, 12.5850



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.3596, 23.7223, 12.2067



43.6586, 37.3082, 14.7480



32.8065, 36.6162, 14.3556



8.2569, 8.5186, 8.4224



14.2684, 9.7423, 1.1284



0.4513, 0.3797, 0.0495

Inverse Universe

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



21.0460, 23.8766, 44.0567



33.0534, 37.5612, 78.1448



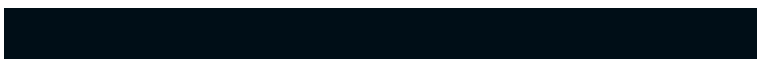
15.9679, 13.7204, 42.3640



7.9649, 8.5292, 10.1792



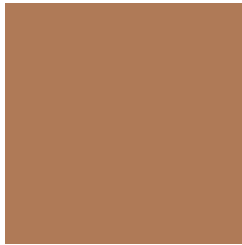
9.2488, 9.6314, 30.4161



0.3088, 0.3709, 0.8633

Previews

White Background



This preview shows how the XYZ color 26.3590, 23.7211, 12.2062 looks on a white 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

Black Background



This preview shows how the XYZ color 26.3590, 23.7211, 12.2062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

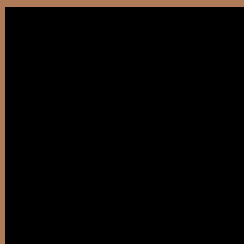
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3590, 23.7211, 12.2062

Background



This preview shows how black text looks on a background with the XYZ color 26.3590, 23.7211, 12.2062.



This preview shows how white text looks on a background with the XYZ color 26.3590, 23.7211,

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

26.3590, 23.7211, 12.2062

Protanopia

22.1339, 23.8426, 13.5607

Deuteranopia

24.2992, 23.7916, 12.1156



Tritanopia

28.4873, 23.6939, 22.8106

Trichromacy



Original Color

26.3590, 23.7211, 12.2062

Protanomaly

23.5384, 23.7714, 13.0206

Deuteranomaly

25.0769, 23.8091, 12.0780

Tritanomaly

27.6529, 23.7106, 18.4484

Monochromacy



Original Color

26.3590, 23.7211, 12.2062

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5879, 23.6392, 20.1492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3590, 23.7211, 12.2062 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(175, 122, 87)` looks like.

```
.text, #text, p{  
    color:rgb(175, 122, 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(175, 122, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 122, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.3590, 23.7211, 12.2062 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(175, 122, 87) }
```


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

```
.border{ border-color:rgb(175, 122, 87) }
```

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

Here you see how a box with a 4 pixel rgb(175, 122, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 122, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 122, 87);  
box-shadow:4px 4px 4px 4px rgb(175, 122,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3590, 23.7211, 12.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 122, 87) }
```

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

```
.background{ background-color: rgb(175,  
122, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor