

Converting Colors

XYZ(26.1235, 25.2945, 13.2681)

Have a look what the booklet for
XYZ(26.1235, 25.2945, 13.2681)
contains.

XYZ(26.1102, 25.2956, 13.1792)	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(26.1102, 25.2956,
13.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	A8835A
RGB	168, 131, 90
RGB Percent	66%, 51%, 35%
CMY	0.3412, 0.4863, 0.6471
CMYK	0.00, 0.22, 0.46, 0.34
HSL	32°, 31%, 51%
HSV	32°, 46%, 66%
XYZ	26.1102, 25.2956, 13.1792
YIQ	137.3890, 35.2130, -4.9070

Conversions

Conversions Part 2

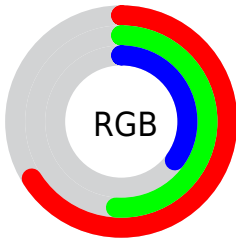
Format	Color
RYB	160, 168, 90
Decimal	11043674
CIELab	57.36, 8.82, 27.55
CIElCh	57, 28.930, 72.258
Yxy	25.2956, 0.4043, 0.3917
Android (android.graphics.Color)	4289233754 (0xFFA8835A)
YUV	137.3890, -23.3628, 26.8458
Hunter-Lab	50.2947, 4.6514, 19.6700

Details

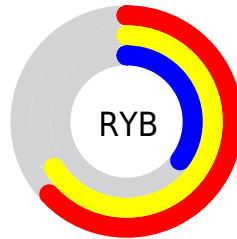
The XYZ color **26.1102, 25.2956, 13.1792** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.8734, 20.1787, 39.9459**, and the grayscale version is **24.0021, 25.2521, 27.4995**.

A 20% lighter version of the original color is **52.9995, 52.2116, 32.4838**, and **10.3928, 9.7864, 3.6267** is the 20% darker color. If you saturate the color by 10%, you get **24.4451, 22.9834, 9.4862**, and if you desaturate by 10%, it is **28.0205, 27.8395, 17.7519**.

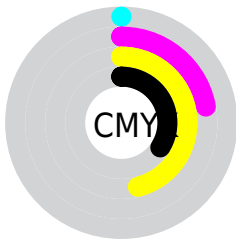
Distribution



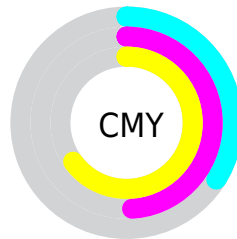
- Red (66%)
- Green (51%)
- Blue (35%)



- Red (63%)
- Yellow (66%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1102, 25.2956, 13.1792 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 26.1102, 25.2956, 13.1792 by changing the saturation by 10% instead.

■ 26.1102, 25.2956,
13.1792

■ 26.1102, 25.2956,
13.1792

275.5694,
279.3069, 223.3110

■ 17.0392, 16.2974,
7.4199

■ 52.8827, 52.1364,
32.3212

■ 10.3579, 9.7349,
3.6437

■ 71.3149, 70.7477,
46.5411

■ 5.7010, 5.2235,
1.4320

■ 93.5983, 93.3323,
64.4181

■ 2.7031, 2.3790,
0.1665

■ 120.0981,
120.2745, 86.3709

■ 0.9987, 0.8151,
0.0000

■ 151.1798,
151.9586, 112.8181

■ 0.0000, 0.0000,
0.0000

187.2087,

188.7691, 144.1781

228.5501,
231.0904, 180.8696

■ 26.1102, 25.2956,
13.1792

■ 26.1102, 25.2956,
13.1792

■ 24.4451, 22.9834,
9.4862

■ 28.0205, 27.8395,
17.7519

■ 23.0105, 20.8912,
6.6126

■ 30.1859, 30.6191,
23.2559

■ 21.7927, 19.0114,
4.4931

■ 32.6180, 33.6427,
29.7408

■ 20.7753, 17.3344,
3.0511

■ 35.3269, 36.9171,
37.2522

■ 19.9363, 15.8480,
2.1805

■ 38.3224, 40.4486,
45.8325

■ 19.6641, 15.3563,
1.9276

■ 41.6135, 44.2436,
55.5221

■ 45.2089, 48.3079,
66.3591

■ 49.1169, 52.6473,
78.3797

■ 53.3455, 57.2673,
91.6187

Harmonies

Analogous

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



29.2649, 25.2956, 16.6884



26.1102, 25.2956, 13.1792



22.6687, 25.2956, 12.8949

Triad

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



26.1102, 25.2956, 13.1792



18.1536, 25.2956, 31.7530



28.7588, 25.2956, 44.0314

Complementary

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



26.1102, 25.2956, 13.1792



18.8734, 20.1787, 39.9459

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.



25.4711, 25.2956, 50.4456



26.1102, 25.2956, 13.1792



19.4820, 25.2956, 42.3062

Square

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



26.1102, 25.2956, 13.1792



18.2895, 25.2956, 22.1756



22.0873, 25.2956, 49.7482



30.8913, 25.2956, 33.7124

Rectangle

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



26.1102, 25.2956, 13.1792



20.6899, 25.2956, 14.4527



22.0873, 25.2956, 49.7482



27.7395, 25.2956, 46.8148

Sweetspot

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



26.1108, 25.2968, 13.1797



60.2141, 62.3006, 56.7672



23.6813, 17.1880, 22.3884



12.9108, 13.3183, 11.7899



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1108, 25.2968, 13.1797



44.1916, 41.4679, 16.8604



31.7211, 36.9262, 15.1287



7.8452, 8.1705, 7.9528



14.9013, 11.6999, 1.4729



0.4132, 0.3860, 0.0527

Inverse Universe

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



18.8734, 20.1787, 39.9459



29.3798, 31.0004, 71.6603



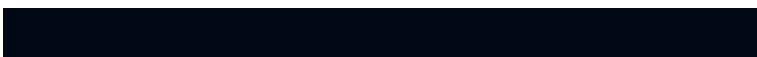
15.0683, 12.3792, 38.6409



7.4143, 7.8654, 9.5457



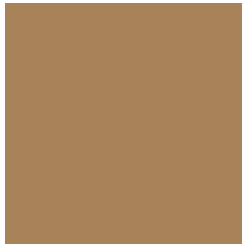
7.5369, 6.5341, 28.8395



0.2349, 0.2620, 0.7188

Previews

White Background



This preview shows how the XYZ color 26.1102, 25.2956, 13.1792 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 26.1102, 25.2956, 13.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

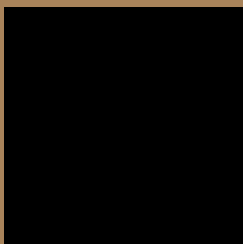
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1102, 25.2956, 13.1792

Background



This preview shows how black text looks on a background with the XYZ color 26.1102, 25.2956, 13.1792.



This preview shows how white text looks on a background with the XYZ color 26.1102, 25.2956,

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

26.1102, 25.2956, 13.1792

Protanopia

23.6419, 25.4513, 14.0225

Deuteranopia

25.8226, 25.3477, 13.2045



Tritanopia

28.7200, 25.1872, 26.2696

Trichromacy



Original Color

26.1102, 25.2956, 13.1792

Protanomaly

24.5004, 25.2688, 13.7113

Deuteranomaly

26.0331, 25.4562, 13.2143

Tritanomaly

27.7137, 25.1686, 20.8501

Monochromacy



Original Color

26.1102, 25.2956, 13.1792

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2669, 24.9799, 21.3119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1102, 25.2956, 13.1792 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(168, 131, 90)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 90)  
}
```

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(168, 131, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 90) }
```

Border

The CSS property to change the border of an element to XYZ 26.1102, 25.2956, 13.1792 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(168, 131, 90) }
```


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

```
.border{ border-color:rgb(168, 131, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 90);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1102, 25.2956, 13.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 90) }
```

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

```
.background{ background-color: rgb(168,  
131, 90) }
```

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