

Converting Colors

XYZ(28.0708, 24.7624, 13.4253)

Have a look what the booklet for
XYZ(28.0708, 24.7624, 13.4253)
contains.

XYZ(28.0708, 24.7624, 13.4253)	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(28.0708, 24.7624,
13.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	B57B5C
RGB	181, 123, 92
RGB Percent	71%, 48%, 36%
CMY	0.2902, 0.5176, 0.6392
CMYK	0.00, 0.32, 0.49, 0.29
HSL	21°, 38%, 54%
HSV	21°, 49%, 71%
XYZ	28.0708, 24.7624, 13.4253
YIQ	136.8080, 44.5190, 2.6550

Conversions

Conversions Part 2

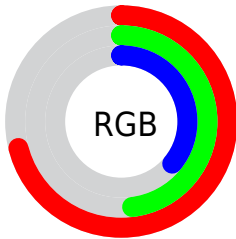
Format	Color
RYB	181, 140, 92
Decimal	11893596
CIELab	56.84, 18.99, 26.05
CIELCh	57, 32.237, 53.900
Yxy	24.7624, 0.4237, 0.3737
Android (android.graphics.Color)	4290083676 (0xFFB57B5C)
YUV	136.8080, -22.0903, 38.7564
Hunter-Lab	49.7618, 13.6092, 18.8374

Details

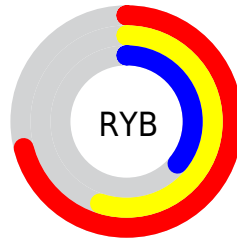
The XYZ color **28.0708, 24.7624, 13.4253** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.6599, 27.4229, 47.7621**, and the grayscale version is **23.7749, 25.0130, 27.2392**.

A 20% lighter version of the original color is **56.0799, 51.3846, 32.9491**, and **11.3799, 9.4470, 3.7063** is the 20% darker color. If you saturate the color by 10%, you get **25.9961, 21.7317, 9.2856**, and if you desaturate by 10%, it is **30.5120, 28.2238, 18.6203**.

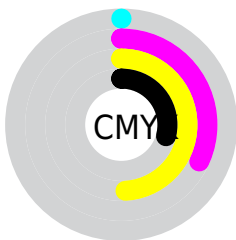
Distribution



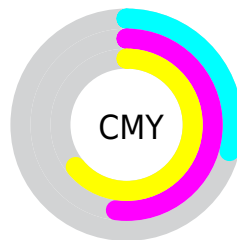
- Red (71%)
- Green (48%)
- Blue (36%)



- Red (71%)
- Yellow (55%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0708, 24.7624, 13.4253 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 28.0708, 24.7624, 13.4253 by changing the saturation by 10% instead.

 28.0708, 24.7624,
13.4253


 28.0708, 24.7624,
13.4253

284.8790,
276.6526, 224.9284


 18.5198, 15.9001,
7.5879


 56.0053, 51.2715,
32.7681

 11.4257, 9.4535,
3.7484


 75.1195, 69.6871,
47.1105

 6.4233, 5.0382,
1.4884


 98.1521, 92.0560,
65.1251

 3.1473, 2.2697,
0.2092

 125.4685,
118.7625, 87.2303

 1.2321, 0.7576,
0.0000

157.4340,
150.1910, 113.8447

 0.1315, 0.0000,
0.0000

194.4141,

 0.0000, 0.0000,

186.7259, 145.3868

0.0000

236.7739,
228.7516, 182.2752

■ 28.0708, 24.7624,
13.4253

■ 28.0708, 24.7624,
13.4253

■ 25.9961, 21.7317,
9.2856

■ 30.5120, 28.2238,
18.6203

■ 24.2663, 19.1100,
6.1255

■ 33.3363, 32.1290,
24.9360

■ 22.8598, 16.8792,
3.8617


■ 36.5611, 36.4950,
32.4343


■ 21.7513, 15.0179,
2.3957


■ 40.2023, 41.3369,
41.1720


■ 20.8994, 13.4974,
1.5468


■ 44.2748, 46.6688,
51.2023

 20.8365, 13.3847,
1.4853

 48.7930, 52.5045,
62.5752

 53.7701, 58.8570,
75.3381

 59.2192, 65.7390,
89.5360

 65.1527, 73.1626,
105.2120

Harmonies

Analogous

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



30.8053, 24.7624, 19.3949



28.0708, 24.7624, 13.4253



24.3147, 24.7624, 11.1385

Triad

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



28.0708, 24.7624, 13.4253



17.0384, 24.7624, 24.8156



26.5969, 24.7624, 50.7463

Complementary

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



28.0708, 24.7624, 13.4253



23.6599, 27.4229, 47.7621

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.



22.7740, 24.7624, 53.3234



28.0708, 24.7624, 13.4253



17.5108, 24.7624, 36.2787

Square

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



28.0708, 24.7624, 13.4253



18.1509, 24.7624, 16.4861



19.5178, 24.7624, 47.4570



29.8927, 24.7624, 41.1379

Rectangle

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



28.0708, 24.7624, 13.4253



21.8370, 24.7624, 11.4128



19.5178, 24.7624, 47.4570



25.3208, 24.7624, 52.5544

Sweetspot

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



28.0714, 24.7636, 13.4258



67.9463, 68.6584, 63.9540



28.4963, 19.7234, 31.7255



14.4007, 14.4592, 13.1432



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.0714, 24.7636, 13.4258



46.2835, 38.5114, 16.1053



34.6544, 37.9296, 15.6201



8.7304, 8.9734, 8.9244



14.4237, 9.3459, 1.0437



0.5098, 0.4059, 0.0515

Inverse Universe

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



23.6599, 27.4229, 47.7621



37.4205, 43.7508, 84.7671



17.9946, 16.0924, 45.8737



8.4885, 9.1232, 10.8199



10.2783, 11.3569, 31.7874



0.3755, 0.4615, 1.0175

Previews

White Background



This preview shows how the XYZ color 28.0708, 24.7624, 13.4253 looks on a white background.

Color Contrast Check

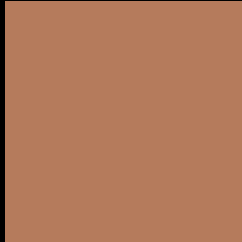
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0708, 24.7624, 13.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

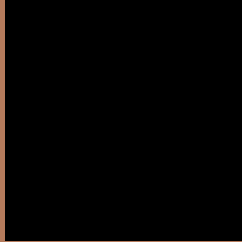
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0708, 24.7624, 13.4253

Background



This preview shows how black text looks on a background with the XYZ color 28.0708, 24.7624, 13.4253.



This preview shows how white text looks on a background with the XYZ color 28.0708, 24.7624,

13.4253.

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

28.0708, 24.7624, 13.4253

Protanopia

23.1829, 24.9762, 15.1543

Deuteranopia

25.2716, 24.8633, 13.1400



Tritanopia

30.0764, 24.6795, 23.2571

Trichromacy



Original Color

28.0708, 24.7624, 13.4253

Protanomaly

24.6607, 24.7180, 14.5376

Deuteranomaly

26.1851, 24.7397, 13.2927

Tritanomaly

29.2822, 24.7151, 19.1467

Monochromacy



Original Color

28.0708, 24.7624, 13.4253

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8393, 24.6553, 21.5389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0708, 24.7624, 13.4253 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(181, 123, 92)` looks like.

```
.text, #text, p{  
    color:rgb(181, 123, 92)  
}
```

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(181, 123, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 123, 92) }
```

Border

The CSS property to change the border of an element to XYZ 28.0708, 24.7624, 13.4253 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(181, 123, 92) }
```


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

```
.border{ border-color:rgb(181, 123, 92) }
```

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

Here you see how a box with a 4 pixel rgb(181, 123, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 123, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 123, 92);  
box-shadow:4px 4px 4px 4px rgb(181, 123,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0708, 24.7624, 13.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 123, 92) }
```

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

```
.background{ background-color: rgb(181,  
123, 92) }
```

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