

Converting Colors

XYZ(25.5367, 23.5024, 13.3058)

Have a look what the booklet for
XYZ(25.5367, 23.5024, 13.3058)
contains.

XYZ(25.5923, 23.4847, 13.3093)	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(25.5923, 23.4847,
13.3093)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7B5C
RGB	170, 123, 92
RGB Percent	67%, 48%, 36%
CMY	0.3333, 0.5176, 0.6392
CMYK	0.00, 0.28, 0.46, 0.33
HSL	24°, 31%, 51%
HSV	24°, 46%, 67%
XYZ	25.5923, 23.4847, 13.3093
YIQ	133.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

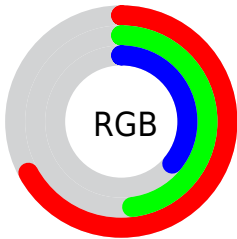
Format	Color
R_{YB}	170, 143, 92
Decimal	11172700
CIE _{Lab}	55.57, 14.39, 24.14
CIE _{LCh}	56, 28.098, 59.203
Yxy	23.4847, 0.4102, 0.3764
Android (android.graphics.Color)	4289362780 (0xFFAA7B5C)
YUV	133.5190, -20.4689, 31.9938
Hunter-Lab	48.4610, 9.4592, 17.6393

Details

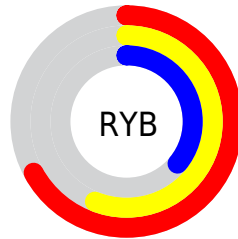
The XYZ color **25.5923, 23.4847, 13.3093** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.9015, 23.6418, 41.4918**, and the grayscale version is **22.5470, 23.7212, 25.8324**.

A 20% lighter version of the original color is **52.1618, 49.3647, 32.7657**, and **10.1444, 8.8078, 3.7502** is the 20% darker color. If you saturate the color by 10%, you get **23.7262, 20.8113, 9.4233**, and if you desaturate by 10%, it is **27.7593, 26.4931, 18.1189**.

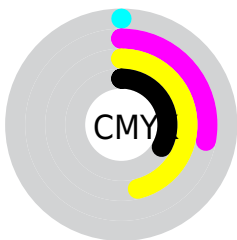
Distribution



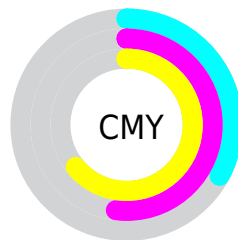
- Red (67%)
- Green (48%)
- Blue (36%)



- Red (67%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5923, 23.4847, 13.3093 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 25.5923, 23.4847, 13.3093 by changing the saturation by 10% instead.


 25.5923, 23.4847,
13.3093


 25.5923, 23.4847,
13.3093


273.0685,
270.2048, 224.1675


 16.6500, 14.9518,
7.5087


 52.0525, 49.1880,
32.5576


 10.0790, 8.7856,
3.6990


 70.3011, 67.1272,
46.8424

 5.5140, 4.6016,
1.4617


 92.3824, 88.9706,
64.7923

 2.5897, 2.0155,
0.1891

 118.6619,
115.1026, 86.8259

 0.9407, 0.6164,
0.0000

149.5049,
145.9077, 113.3616

 0.0000, 0.0000,
0.0000

185.2768,

181.7701, 144.8181

226.3428,
223.0744, 181.6139

■ 25.5923, 23.4847,
13.3093

■ 25.5923, 23.4847,
13.3093

■ 23.7262, 20.8113,
9.4233

■ 27.7593, 26.4931,
18.1189

■ 22.1439, 18.4567,
6.3985

■ 30.2397, 29.8448,
23.9058

■ 20.8289, 16.4084,
4.1673


■ 33.0471, 33.5523,
30.7214


■ 19.7623, 14.6517,
2.6507


■ 36.1938, 37.6262,
38.6131


■ 18.9198, 13.1692,
1.7458


■ 39.6917, 42.0768,
47.6251

 18.6189, 12.6288,
1.4563

 43.5516, 46.9138,
57.7993

 47.7842, 52.1467,
69.1754

 52.3997, 57.7844,
81.7912

 57.4076, 63.8357,
95.6827

Harmonies

Analogous

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



28.0802, 23.4847, 17.9597



25.5923, 23.4847, 13.3093



22.4064, 23.4847, 11.7792

Triad

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



25.5923, 23.4847, 13.3093



16.7612, 23.4847, 25.3287



25.4317, 23.4847, 44.0507

Complementary

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



25.5923, 23.4847, 13.3093



20.9015, 23.6418, 41.4918

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.



22.2368, 23.4847, 47.3165



25.5923, 23.4847, 13.3093



17.4094, 23.4847, 35.0759

Square

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



25.5923, 23.4847, 13.3093



17.4813, 23.4847, 17.6293



19.3420, 23.4847, 43.7026



27.9815, 23.4847, 35.5978

Rectangle

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



25.5923, 23.4847, 13.3093



20.3748, 23.4847, 12.3675



19.3420, 23.4847, 43.7026



24.3885, 23.4847, 45.8691

Sweetspot

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



25.5929, 23.4858, 13.3098



60.8475, 62.0347, 57.9366



25.1458, 18.0969, 27.0175



13.3143, 13.5011, 12.2894



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5929, 23.4858, 13.3098



43.0127, 37.7073, 17.0253



31.2367, 34.7736, 15.1910



7.7667, 8.0134, 7.9267



13.7478, 9.3928, 1.0884



0.3847, 0.3290, 0.0432

Inverse Universe

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



20.9015, 23.6418, 41.4918



33.4124, 37.9870, 74.5731



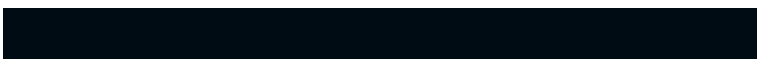
16.3329, 14.5046, 39.9690



7.4936, 8.0241, 9.5722



8.9190, 9.2983, 29.3002



0.2649, 0.3220, 0.7288

Previews

White Background



This preview shows how the XYZ color 25.5923, 23.4847, 13.3093 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 25.5923, 23.4847, 13.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

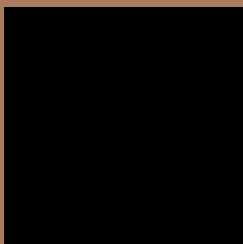
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5923, 23.4847, 13.3093

Background



This preview shows how black text looks on a background with the XYZ color 25.5923, 23.4847, 13.3093.



This preview shows how white text looks on a background with the XYZ color 25.5923, 23.4847,

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

25.5923, 23.4847, 13.3093

Protanopia

22.0004, 23.5489, 14.4522

Deuteranopia

23.9056, 23.5646, 13.1860



Tritanopia

27.5428, 23.3734, 23.1385

Trichromacy



Original Color

25.5923, 23.4847, 13.3093

Protanomaly

23.0527, 23.2990, 14.1086

Deuteranomaly

24.4534, 23.4636, 13.1376

Tritanomaly

26.7670, 23.4185, 19.0290

Monochromacy



Original Color

25.5923, 23.4847, 13.3093

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3450, 23.5002, 20.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5923, 23.4847, 13.3093 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(170, 123, 92)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 123, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 92) }
```

Border

The CSS property to change the border of an element to XYZ 25.5923, 23.4847, 13.3093 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(170, 123, 92) }
```


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

```
.border{ border-color:rgb(170, 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(170, 123, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 92);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5923, 23.4847, 13.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 92) }
```

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

```
.background{ background-color: rgb(170,  
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