

Converting Colors

XYZ(25.6373, 23.8369, 13.7523)

Have a look what the booklet for
XYZ(25.6373, 23.8369, 13.7523)
contains.

XYZ(25.7162, 23.9104, 13.8495)	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(25.7162, 23.9104,
13.8495)**

Conversions

Conversions Part 1

Format	Color
Hex	A97D5E
RGB	169, 125, 94
RGB Percent	66%, 49%, 37%
CMY	0.3373, 0.5098, 0.6314
CMYK	0.00, 0.26, 0.44, 0.34
HSL	25°, 30%, 52%
HSV	25°, 44%, 66%
XYZ	25.7162, 23.9104, 13.8495
YIQ	134.6220, 36.1750, -0.3130

Conversions

Conversions Part 2

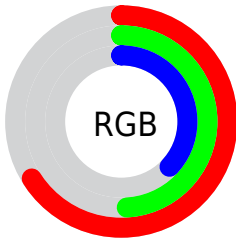
Format	Color
RYB	169, 147, 94
Decimal	11107678
CIELab	56.00, 13.05, 23.55
CIELCh	56, 26.928, 61.003
Yxy	23.9104, 0.4051, 0.3767
Android (android.graphics.Color)	4289297758 (0xFFA97D5E)
YUV	134.6220, -20.0266, 30.1495
Hunter-Lab	48.8983, 8.3034, 17.4360

Details

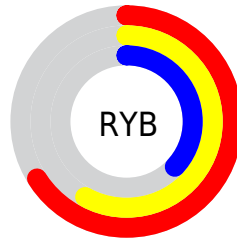
The XYZ color **25.7162, 23.9104, 13.8495** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.8657, 23.4204, 40.9569**, and the grayscale version is **22.9520, 24.1473, 26.2964**.

A 20% lighter version of the original color is **52.3953, 50.0539, 33.6879**, and **10.1678, 9.0190, 3.8943** is the 20% darker color. If you saturate the color by 10%, you get **23.8464, 21.2544, 9.8856**, and if you desaturate by 10%, it is **27.8786, 26.8857, 18.7306**.

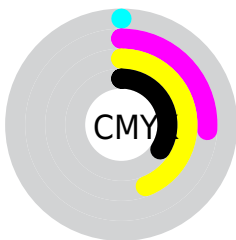
Distribution



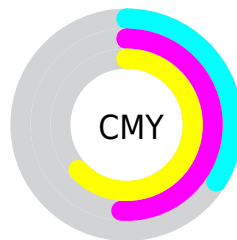
- Red (66%)
- Green (49%)
- Blue (37%)



- Red (66%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7162, 23.9104, 13.8495 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 25.7162, 23.9104, 13.8495 by changing the saturation by 10% instead.

■ 25.7162, 23.9104,
13.8495

■ 25.7162, 23.9104,
13.8495

273.6685,
272.3672, 227.6883

■ 16.7430, 15.2672,
7.8785

■ 52.2513, 49.8839,
33.5350

■ 10.1456, 9.0071,
3.9307

■ 70.5440, 67.9831,
48.0866

■ 5.5586, 4.7458,
1.5874

■ 92.6738, 90.0029,
66.3355

■ 2.6167, 2.0989,
0.2818

■ 119.0062,
116.3279, 88.7003

■ 0.9545, 0.6640,
0.0000

149.9065,
147.3424, 115.5994

■ 0.0000, 0.0000,
0.0000

185.7401,

183.4309, 147.4514

226.8723,
224.9777, 184.6749

■ 25.7162, 23.9104,
13.8495

■ 25.7162, 23.9104,
13.8495

■ 23.8464, 21.2544,
9.8856

■ 27.8786, 26.8857,
18.7306

■ 22.2527, 18.9026,
6.7787

■ 30.3452, 30.1878,
24.5811

■ 20.9197, 16.8435,
4.4631


■ 33.1291, 33.8284,
31.4509


■ 19.8292, 15.0635,
2.8634


■ 36.2422, 37.8172,
39.3862


■ 18.9599, 13.5472,
1.8884


■ 39.6956, 42.1638,
48.4301

 18.5437, 12.7980,
1.4929

 43.4999, 46.8772,
58.6235

 47.6651, 51.9662,
70.0051

 52.2010, 57.4391,
82.6118

 57.1169, 63.3042,
96.4789

Harmonies

Analogous

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



28.1833, 23.9104, 18.2464



25.7162, 23.9104, 13.8495



22.6227, 23.9104, 12.5030

Triad

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



25.7162, 23.9104, 13.8495



17.3095, 23.9104, 26.3321



25.9115, 23.9104, 43.4239

Complementary

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



25.7162, 23.9104, 13.8495



20.8657, 23.4204, 40.9569

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.



22.8298, 23.9104, 46.9139



25.7162, 23.9104, 13.8495



18.0232, 23.9104, 35.7725

Square

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



25.7162, 23.9104, 13.8495



17.9346, 23.9104, 18.6547



19.9773, 23.9104, 43.8423



28.3030, 23.9104, 35.1414

Rectangle

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



25.7162, 23.9104, 13.8495



20.6711, 23.9104, 13.2044



19.9773, 23.9104, 43.8423



24.9131, 23.9104, 45.2704

Sweetspot

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



25.7168, 23.9115, 13.8500



59.9407, 61.3710, 57.8563



25.0252, 18.3048, 26.6405



12.8192, 13.0589, 11.9945



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.



25.7168, 23.9115, 13.8500



42.8411, 38.2586, 17.9773



31.2151, 34.9081, 15.6827



7.7763, 8.0327, 7.9299



13.8708, 9.6390, 1.1294



0.3882, 0.3360, 0.0444

Inverse Universe

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



20.8657, 23.4204, 40.9569



33.0381, 37.2395, 72.6717



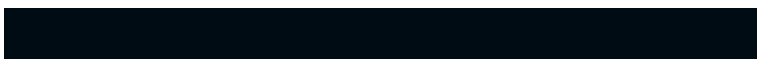
16.4802, 14.6493, 39.4951



7.4837, 8.0042, 9.5689



8.7262, 8.9127, 29.2359



0.2609, 0.3141, 0.7275

Previews

White Background



This preview shows how the XYZ color 25.7162, 23.9104, 13.8495 looks on a white background.

Color Contrast Check

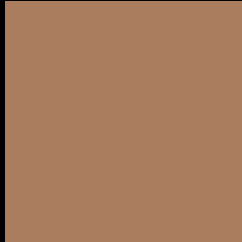
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7162, 23.9104, 13.8495 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 25.7162, 23.9104, 13.8495

Background



This preview shows how black text looks on a background with the XYZ color 25.7162, 23.9104, 13.8495.



This preview shows how white text looks on a background with the XYZ color 25.7162, 23.9104,

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

25.7162, 23.9104, 13.8495

Protanopia

22.4068, 23.9518, 14.9975

Deuteranopia

24.3232, 23.9644, 13.6995



Tritanopia

27.6922, 23.7886, 23.9010

Trichromacy



Original Color

25.7162, 23.9104, 13.8495

Protanomaly

23.6004, 23.9657, 14.6912

Deuteranomaly

24.7992, 24.0152, 13.6843

Tritanomaly

26.9065, 23.8379, 19.7061

Monochromacy



Original Color

25.7162, 23.9104, 13.8495

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5391, 23.7917, 21.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7162, 23.9104, 13.8495 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(169, 125, 94)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 94)  
}
```

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(169, 125, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.7162, 23.9104, 13.8495 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(169, 125, 94) }
```


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

```
.border{ border-color:rgb(169, 125, 94) }
```

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

Here you see how a box with a 4 pixel rgb(169, 125, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 94);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7162, 23.9104, 13.8495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 94) }
```

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

```
.background{ background-color: rgb(169,  
125, 94) }
```

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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