

Converting Colors

XYZ(24.7263, 24.1722, 13.7184)

Have a look what the booklet for
XYZ(24.7263, 24.1722, 13.7184)
contains.

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Color

**XYZ(24.7263, 24.1722,
13.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	A2815D
RGB	162, 129, 93
RGB Percent	64%, 51%, 36%
CMY	0.3647, 0.4941, 0.6353
CMYK	0.00, 0.20, 0.43, 0.36
HSL	31°, 27%, 50%
HSV	31°, 43%, 64%
XYZ	24.7263, 24.1722, 13.7184
YIQ	134.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

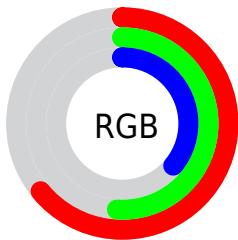
Format	Color
R_{YB}	156, 162, 93
Decimal	10649949
CIE Lab	56.26, 7.72, 24.32
CIE LCh	56, 25.518, 72.388
Yxy	24.1722, 0.3949, 0.3860
Android (android.graphics.Color)	4288840029 (0xFFA2815D)
YUV	134.7630, -20.5892, 23.8868
Hunter-Lab	49.1652, 3.7325, 17.8722

Details

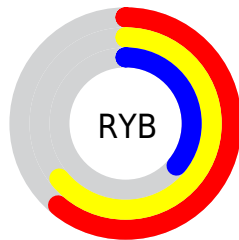
The XYZ color **24.7263, 24.1722, 13.7184** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4963, 19.8567, 37.0402**, and the grayscale version is **23.0075, 24.2057, 26.3600**.

A 20% lighter version of the original color is **50.6754, 50.3749, 33.4380**, and **9.6685, 9.1858, 3.8482** is the 20% darker color. If you saturate the color by 10%, you get **23.1015, 21.9518, 10.0040**, and if you desaturate by 10%, it is **26.5817, 26.6105, 18.2602**.

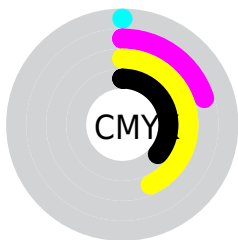
Distribution



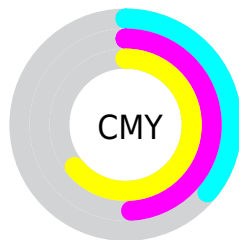
- Red (64%)
- Green (51%)
- Blue (36%)



- Red (61%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7263, 24.1722, 13.7184 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 24.7263, 24.1722, 13.7184 by changing the saturation by 10% instead.

■ 24.7263, 24.1722,
13.7184

■ 24.7263, 24.1722,
13.7184

268.8450,
273.6899, 226.8391

■ 16.0009, 15.4614,
7.7886

■ 50.6590, 50.3111,
33.2984

■ 9.6156, 9.1439,
3.8741

■ 68.5969, 68.5079,
47.7857

■ 5.2052, 4.8351,
1.5565

■ 90.3364, 90.6356,
65.9625

■ 2.4041, 2.1509,
0.2595

■ 116.2429,
117.0785, 88.2475

■ 0.8472, 0.6930,
0.0000

146.6816,
148.2209, 115.0591

■ 0.0000, 0.0000,
0.0000

182.0180,

184.4474, 146.8158

222.6173,
226.1423, 183.9363

■ 24.7263, 24.1722,
13.7184

■ 24.7263, 24.1722,
13.7184

■ 23.1015, 21.9518,
10.0040

■ 26.5817, 26.6105,
18.2602

■ 21.6941, 19.9385,
7.0639

■ 28.6765, 29.2701,
23.6750

■ 20.4921, 18.1256,
4.8412

■ 31.0209, 32.1585,
30.0067

■ 19.4815, 16.5047,
3.2702

■ 33.6241, 35.2820,
37.2960

■ 18.6456, 15.0658,
2.2731

■ 36.4948, 38.6463,
45.5810

■ 18.1119, 14.1047,
1.7679

■ 39.6412, 42.2572,
54.8977

■ 43.0711, 46.1201,
65.2803

■ 46.7921, 50.2403,
76.7615

■ 50.8114, 54.6227,
89.3725

Harmonies

Analogous

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



27.4033, 24.1722, 16.8530



24.7263, 24.1722, 13.7184



21.7847, 24.1722, 13.4728

Triad

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



24.7263, 24.1722, 13.7184



17.8890, 24.1722, 29.9435



26.9960, 24.1722, 40.1627

Complementary

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



24.7263, 24.1722, 13.7184



18.4963, 19.8567, 37.0402

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.



24.2078, 24.1722, 45.4862



24.7263, 24.1722, 13.7184



19.0514, 24.1722, 38.7967

Square

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



24.7263, 24.1722, 13.7184



18.0020, 24.1722, 21.7230



21.3083, 24.1722, 44.9389



28.7885, 24.1722, 31.5224

Rectangle

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



24.7263, 24.1722, 13.7184



20.0810, 24.1722, 14.8885



21.3083, 24.1722, 44.9389



26.1344, 24.1722, 42.4745

Sweetspot

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



24.7269, 24.1733, 13.7189



56.0234, 58.0251, 53.6691



22.6033, 17.0257, 21.9524



12.3723, 12.7754, 11.4786



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.7269, 24.1733, 13.7189



42.1108, 40.0913, 18.5381



29.5638, 34.1924, 15.3978



7.3652, 7.6688, 7.4721



14.3125, 11.1989, 1.4072



0.3478, 0.3293, 0.0452

Inverse Universe

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



18.4963, 19.8567, 37.0402



29.2905, 31.2130, 66.5371



15.0676, 12.8252, 35.8637



6.9668, 7.3926, 8.9628



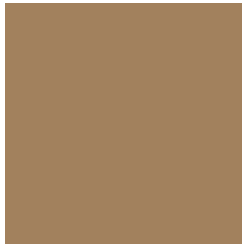
7.2973, 6.3740, 27.7755



0.2006, 0.2285, 0.5994

Previews

White Background



This preview shows how the XYZ color 24.7263, 24.1722, 13.7184 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 24.7263, 24.1722, 13.7184 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 24.7263, 24.1722, 13.7184

Background



This preview shows how black text looks on a background with the XYZ color 24.7263, 24.1722, 13.7184.



This preview shows how white text looks on a background with the XYZ color 24.7263, 24.1722,

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

24.7263, 24.1722, 13.7184

Protanopia

22.6294, 24.2835, 14.5608

Deuteranopia

24.5240, 24.0679, 13.7089



Tritanopia

27.1672, 24.2157, 25.4325

Trichromacy



Original Color

24.7263, 24.1722, 13.7184

Protanomaly

23.4020, 24.2767, 14.2789

Deuteranomaly

24.5240, 24.0679, 13.7089

Tritanomaly

26.2479, 24.2290, 20.4328

Monochromacy



Original Color

24.7263, 24.1722, 13.7184

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4547, 24.1509, 21.1947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7263, 24.1722, 13.7184 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(162, 129, 93)` looks like.

```
.text, #text, p{  
    color:rgb(162, 129, 93)  
}
```

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(162, 129, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 129, 93) }
```

Border

The CSS property to change the border of an element to XYZ 24.7263, 24.1722, 13.7184 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(162, 129, 93) }
```


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

```
.border{ border-color:rgb(162, 129, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 129, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 129, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 129, 93);  
box-shadow:4px 4px 4px 4px rgb(162, 129,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7263, 24.1722, 13.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 129, 93) }
```

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

```
.background{ background-color: rgb(162,  
129, 93) }
```

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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