

Converting Colors

XYZ(24.1662, 24.8344, 7.9619)

Have a look what the booklet for
XYZ(24.1662, 24.8344, 7.9619)
contains.

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Color

**XYZ(24.1301, 24.7934,
7.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	A2853D
RGB	162, 133, 61
RGB Percent	64%, 52%, 24%
CMY	0.3647, 0.4784, 0.7608
CMYK	0.00, 0.18, 0.62, 0.36
HSL	43°, 45%, 44%
HSV	43°, 62%, 64%
XYZ	24.1301, 24.7934, 7.9287
YIQ	133.4630, 40.3960, -16.2440

Conversions

Conversions Part 2

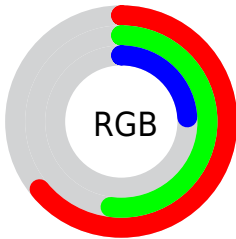
Format	Color
RYB	102, 162, 61
Decimal	10650941
CIELab	56.87, 2.49, 42.13
CIELCh	57, 42.200, 86.618
Yxy	24.7934, 0.4244, 0.4361
Android (android.graphics.Color)	4288841021 (0xFFA2853D)
YUV	133.4630, -35.7243, 25.0269
Hunter-Lab	49.7930, -0.6351, 25.4141

Details

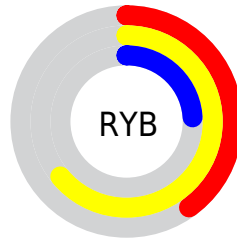
The XYZ color **24.1301, 24.7934, 7.9287** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **12.1020, 10.9126, 35.6506**, and the grayscale version is **22.5800, 23.7559, 25.8702**.

A 20% lighter version of the original color is **49.6416, 51.3256, 22.3294**, and **9.2830, 9.4862, 1.6002** is the 20% darker color. If you saturate the color by 10%, you get **23.1354, 23.4001, 5.7600**, and if you desaturate by 10%, it is **25.2860, 26.2982, 10.8020**.

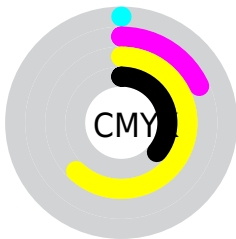
Distribution



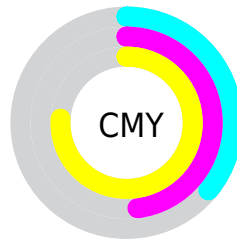
- Red (64%)
- Green (52%)
- Blue (24%)



- Red (40%)
- Yellow (64%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1301, 24.7934, 7.9287 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 24.1301, 24.7934, 7.9287 by changing the saturation by 10% instead.

■ 24.1301, 24.7934,
7.9287

■ 24.1301, 24.7934,
7.9287

265.9058,
276.8075, 185.0854

■ 15.5554, 15.9232,
3.9622

■ 49.6956, 51.3219,
22.3624

■ 9.2990, 9.4698,
1.6047

■ 67.4170, 69.7489,
33.6667

■ 4.9954, 5.0489,
0.2941

■ 88.9182, 92.1304,
48.2541

■ 2.2793, 2.2760,
0.0000

■ 114.5643,
118.8506, 66.5430

■ 0.7840, 0.7609,
0.0000

■ 144.7207,
150.2941, 88.9521

■ 0.0000, 0.0000,
0.0000

■ 179.7529,

186.8451, 115.8998

220.0262,
228.8881, 147.8047

■ 24.1301, 24.7934,
7.9287

■ 24.1301, 24.7934,
7.9287

■ 23.1354, 23.4001,
5.7600

■ 25.2860, 26.2982,
10.8020

■ 22.2875, 22.1091,
4.2296

■ 26.6124, 27.9160,
14.4352

■ 21.5721, 20.9150,
3.2609

■ 28.1200, 29.6525,
18.8799

■ 21.0871, 20.0553,
2.7596

■ 29.8179, 31.5119,
24.1825

■ 31.7146, 33.4981,
30.3861

■ 33.8181, 35.6149,
37.5308

■ 36.1357, 37.8657,
45.6543

■ 38.6746, 40.2538,
54.7921

■ 41.4414, 42.7826,
64.9780

Harmonies

Analogous

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



29.1871, 24.7934, 10.0569



24.1301, 24.7934, 7.9287



19.5609, 24.7934, 9.2488

Triad

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



24.1301, 24.7934, 7.9287



16.0532, 24.7934, 41.1092



32.4193, 24.7934, 44.8985

Complementary

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



24.1301, 24.7934, 7.9287



12.1020, 10.9126, 35.6506

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.



28.0821, 24.7934, 59.3470



24.1301, 24.7934, 7.9287



18.7163, 24.7934, 56.6753

Square

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



24.1301, 24.7934, 7.9287



15.2988, 24.7934, 25.4228



23.0095, 24.7934, 64.2715



34.3752, 24.7934, 28.6324

Rectangle

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



24.1301, 24.7934, 7.9287



17.3145, 24.7934, 12.2912



23.0095, 24.7934, 64.2715



31.1644, 24.7934, 50.3207

Sweetspot

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



24.1307, 24.7946, 7.9292



55.1216, 58.2594, 47.0865



18.4704, 11.7796, 11.2660



12.1761, 12.8681, 9.9182



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.



24.1307, 24.7946, 7.9292



41.3418, 41.5025, 9.1895



24.8836, 31.9105, 9.2630



7.4768, 7.8920, 7.5093



16.6512, 15.8764, 2.1868



0.3871, 0.4080, 0.0584

Inverse Universe

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



12.1020, 10.9126, 35.6506



17.7162, 14.3164, 63.8857



11.6010, 7.7046, 35.0578



6.8584, 7.1758, 8.9267



5.9562, 3.6918, 27.3284



0.1636, 0.1544, 0.5870

Previews

White Background



This preview shows how the XYZ color 24.1301, 24.7934, 7.9287 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 24.1301, 24.7934, 7.9287 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 24.1301, 24.7934, 7.9287

Background



This preview shows how black text looks on a background with the XYZ color 24.1301, 24.7934, 7.9287.



This preview shows how white text looks on a background with the XYZ color 24.1301, 24.7934,

7.9287.

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

24.1301, 24.7934, 7.9287

Protanopia

22.7641, 24.9145, 8.1666

Deuteranopia

25.2143, 24.7481, 8.0053



Tritanopia

27.8552, 24.7413, 26.2291

Trichromacy



Original Color

24.1301, 24.7934, 7.9287

Protanomaly

23.3840, 25.0240, 8.1551

Deuteranomaly

24.7117, 24.6874, 8.0201

Tritanomaly

26.1518, 24.6280, 17.5627

Monochromacy



Original Color

24.1301, 24.7934, 7.9287

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5430, 23.7659, 17.3091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1301, 24.7934, 7.9287 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, 133, 61)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 61)  
}
```

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, 133, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 61) }
```

Border

The CSS property to change the border of an element to XYZ 24.1301, 24.7934, 7.9287 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, 133, 61) }
```


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

```
.border{ border-color:rgb(162, 133, 61) }
```

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

Here you see how a box with a 4 pixel rgb(162, 133, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 61);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1301, 24.7934, 7.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 61) }
```

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

```
.background{ background-color: rgb(162,  
133, 61) }
```

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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