

Converting Colors

XYZ(22.7414, 25.1997, 4.3749)

Have a look what the booklet for
XYZ(22.7414, 25.1997, 4.3749)
contains.

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Color

**XYZ(22.7414, 25.1997,
4.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8A15
RGB	155, 138, 21
RGB Percent	61%, 54%, 8%
CMY	0.3922, 0.4588, 0.9176
CMYK	0.00, 0.11, 0.86, 0.39
HSL	52°, 76%, 35%
HSV	52°, 86%, 61%
XYZ	22.7414, 25.1997, 4.3749
YIQ	129.7450, 47.6890, -32.7830

Conversions

Conversions Part 2

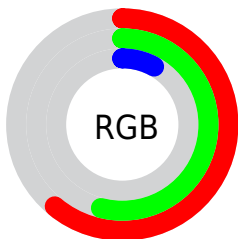
Format	Color
RYB	40, 155, 21
Decimal	10193429
CIELab	57.27, -5.41, 57.83
CIELCh	57, 58.078, 95.346
Yxy	25.1997, 0.4347, 0.4817
Android (android.graphics.Color)	4288383509 (0xFF9B8A15)
YUV	129.7450, -53.6113, 22.1486
Hunter-Lab	50.1993, -6.9843, 29.9724

Details

The XYZ color **22.7414, 25.1997, 4.3749** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.9189, 3.9123, 31.4005**, and the grayscale version is **21.3003, 22.4096, 24.4041**.

A 20% lighter version of the original color is **47.4827, 51.9723, 14.9262**, and **8.8279, 9.8541, 1.4367** is the 20% darker color. If you saturate the color by 10%, you get **22.3572, 24.5997, 3.7280**, and if you desaturate by 10%, it is **23.2174, 25.8465, 5.4751**.

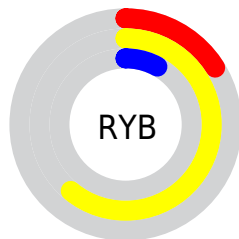
Distribution



Red (61%)

Green (54%)

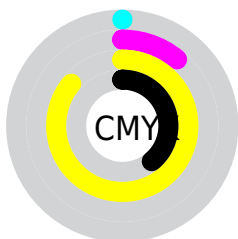
Blue (8%)



Red (16%)

Yellow (61%)

Blue (8%)

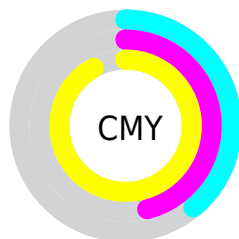


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7414, 25.1997, 4.3749 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 22.7414, 25.1997, 4.3749 by changing the saturation by 10% instead.

■ 22.7414, 25.1997,
4.3749

■ 22.7414, 25.1997,
4.3749

258.9542,
278.8310, 152.3054

■ 14.5223, 16.2259,
1.8332

■ 47.4381, 51.9810,
14.8656

■ 8.5690, 9.6841,
0.4497

■ 64.6465, 70.5573,
23.6516

■ 4.5160, 5.1900,
0.0000

■ 85.5820, 93.1032,
35.3561

■ 1.9980, 2.3592,
0.0000

■ 110.6101,
120.0032, 50.3977

■ 0.6328, 0.8048,
0.0000

■ 140.0959,
151.6415, 69.1949

■ 0.0000, 0.0000,
0.0000

■ 174.4050,

188.4027, 92.1662

213.9026,
230.6710, 119.7302

22.7414, 25.1997,
4.3749

22.7414, 25.1997,
4.3749

22.3572, 24.5997,
3.7280

23.2174, 25.8465,
5.4751

22.2289, 24.3915,
3.5364

23.8009, 26.5435,
7.1185

24.5043, 27.2968,
9.3674

25.3376, 28.1103,
12.2752

26.3099, 28.9877,
15.8894

■ 27.4295, 29.9324,
20.2532

■ 28.7039, 30.9475,
25.4062

■ 30.1401, 32.0358,
31.3853

■ 31.7447, 33.1999,
38.2252

Harmonies

Analogous

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



29.8972, 25.1997, 5.4137



22.7414, 25.1997, 4.3749



17.0916, 25.1997, 6.6987

Triad

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



22.7414, 25.1997, 4.3749



14.7092, 25.1997, 55.6702



38.0799, 25.1997, 46.4451

Complementary

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



22.7414, 25.1997, 4.3749



6.9189, 3.9123, 31.4005

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.



32.4381, 25.1997, 71.3287



22.7414, 25.1997, 4.3749



18.8516, 25.1997, 78.2047

Square

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



22.7414, 25.1997, 4.3749



13.0570, 25.1997, 31.1172



25.2039, 25.1997, 84.9962



39.6639, 25.1997, 24.0612

Rectangle

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



22.7414, 25.1997, 4.3749



14.6432, 25.1997, 11.0548



25.2039, 25.1997, 84.9962



36.5485, 25.1997, 55.0724

Sweetspot

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



22.7420, 25.2009, 4.3754



49.1111, 53.5959, 36.2210



14.1498, 7.6507, 2.6393



10.9637, 12.0052, 7.5968



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.7420, 25.2009, 4.3754



39.7142, 43.4912, 6.3015



17.7849, 26.5527, 4.8976



6.6421, 7.0892, 6.6241



17.8737, 19.6299, 2.8469



0.2835, 0.3261, 0.0480

Inverse Universe

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



6.9189, 3.9123, 31.4005



10.9552, 4.9573, 55.9157



8.7203, 4.2103, 31.3631



5.9445, 6.1464, 7.8020



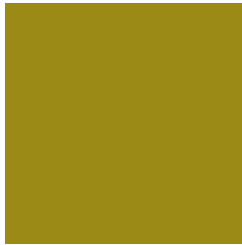
4.9650, 2.3266, 25.0951



0.0886, 0.0635, 0.3800

Previews

White Background



This preview shows how the XYZ color 22.7414, 25.1997, 4.3749 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 22.7414, 25.1997, 4.3749 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 22.7414, 25.1997, 4.3749

Background



This preview shows how black text looks on a background with the XYZ color 22.7414, 25.1997, 4.3749.



This preview shows how white text looks on a background with the XYZ color 22.7414, 25.1997,

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

22.7414, 25.1997, 4.3749

Protanopia

22.7414, 25.1997, 4.3749

Deuteranopia

25.7583, 25.3059, 4.5042



Tritanopia

27.4109, 25.0599, 27.4371

Trichromacy



Original Color

22.7414, 25.1997, 4.3749

Protanomaly

22.7414, 25.1997, 4.3749

Deuteranomaly

24.6263, 25.3316, 4.4557

Tritanomaly

24.8140, 24.8023, 14.3060

Monochromacy



Original Color

22.7414, 25.1997, 4.3749

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.8805, 23.0022, 13.0122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7414, 25.1997, 4.3749 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(155, 138, 21)` looks like.

```
.text, #text, p{  
    color:rgb(155, 138, 21)  
}
```

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(155, 138, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 138, 21) }
```

Border

The CSS property to change the border of an element to XYZ 22.7414, 25.1997, 4.3749 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(155, 138, 21) }
```


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

```
.border{ border-color:rgb(155, 138, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 138, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 138, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 138, 21);  
box-shadow:4px 4px 4px 4px rgb(155, 138,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7414, 25.1997, 4.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 138, 21) }
```

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

```
.background{ background-color: rgb(155,  
138, 21) }
```

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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