

Converting Colors

XYZ(22.3645, 25.9610, 9.2155)

Have a look what the booklet for
XYZ(22.3645, 25.9610, 9.2155)
contains.

XYZ(22.3372, 25.9795, 9.1474)	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(22.3372, 25.9795,
9.1474)**

Conversions

Conversions Part 1

Format	Color
Hex	908F43
RGB	144, 143, 67
RGB Percent	56%, 56%, 26%
CMY	0.4353, 0.4392, 0.7372
CMYK	0.00, 0.01, 0.53, 0.44
HSL	59°, 36%, 41%
HSV	59°, 53%, 56%
XYZ	22.3372, 25.9795, 9.1474
YIQ	134.6350, 24.9920, -23.4240

Conversions

Conversions Part 2

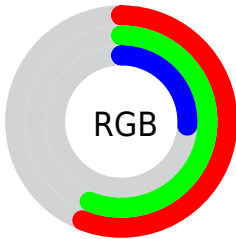
Format	Color
RYB	68, 144, 67
Decimal	9473859
CIELab	58.02, -10.49, 40.02
CIElCh	58, 41.373, 104.681
Yxy	25.9795, 0.3887, 0.4521
Android (android.graphics.Color)	4287663939 (0xFF908F43)
YUV	134.6350, -33.3441, 8.2131
Hunter-Lab	50.9701, -10.9716, 25.0385

Details

The XYZ color **22.3372, 25.9795, 9.1474** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.4159, 7.3409, 27.3062**, and the grayscale version is **23.0075, 24.2057, 26.3600**.

A 20% lighter version of the original color is **46.7303, 53.3590, 24.6660**, and **8.3299, 10.0933, 2.0395** is the 20% darker color. If you saturate the color by 10%, you get **21.9302, 25.7730, 7.1392**, and if you desaturate by 10%, it is **22.8529, 26.2315, 11.7225**.

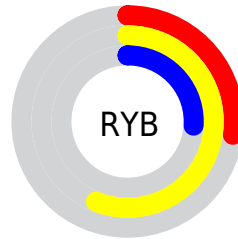
Distribution



Red (56%)

Green (56%)

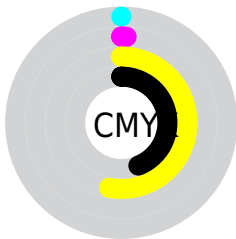
Blue (26%)



Red (27%)

Yellow (56%)

Blue (26%)

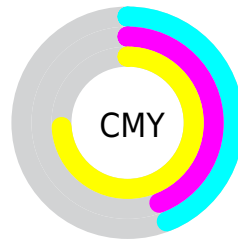


Cyan (0%)

Magenta (1%)

Yellow (53%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3372, 25.9795, 9.1474 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 22.3372, 25.9795, 9.1474 by changing the saturation by 10% instead.

■ 22.3372, 25.9795,
9.1474

■ 22.3372, 25.9795,
9.1474

256.9016,
282.6814, 194.7321

■ 14.2229, 16.8083,
4.7393

■ 46.7774, 53.2419,
24.7612

■ 8.3586, 10.0979,
2.0391

■ 63.8340, 72.1018,
36.8041

■ 4.3790, 5.4639,
0.5792

■ 84.6020, 94.9602,
52.2289

■ 1.9187, 2.5220,
0.0000

■ 109.4469,
122.2013, 71.4543

■ 0.5877, 0.8876,
0.0000

■ 138.7339,
154.2096, 94.8988

■ 0.0000, 0.0000,
0.0000

172.8285,

191.3695, 122.9809

212.0959,
234.0653, 156.1191

■ 22.3372, 25.9795,
9.1474

■ 22.3372, 25.9795,
9.1474

■ 21.9302, 25.7730,
7.1392

■ 22.8529, 26.2315,
11.7225

■ 21.6219, 25.6050,
5.6535

■ 23.4829, 26.5283,
14.9014

■ 21.4038, 25.4732,
4.6421

■ 24.2342, 26.8738,
18.7194

■ 21.2647, 25.3731,
4.0467

■ 25.1131, 27.2703,
23.2090

■ 21.1951, 25.3163,
3.7694

■ 26.1253, 27.7203,
28.4004

■ 27.2762, 28.2258,
34.3218

■ 28.5709, 28.7889,
41.0000

■ 30.0142, 29.4115,
48.4604

■ 31.6106, 30.0954,
56.7273

Harmonies

Analogous

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



27.3186, 25.9795, 9.1848



22.3372, 25.9795, 9.1474



18.5351, 25.9795, 12.8882

Triad

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



22.3372, 25.9795, 9.1474



18.4728, 25.9795, 52.3779



35.1650, 25.9795, 36.1959

Complementary

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



22.3372, 25.9795, 9.1474



9.4159, 7.3409, 27.3062

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.



32.0823, 25.9795, 52.7049



22.3372, 25.9795, 9.1474



22.2408, 25.9795, 63.9834

Square

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



22.3372, 25.9795, 9.1474



16.5170, 25.9795, 35.8486



27.2083, 25.9795, 64.1200



35.2000, 25.9795, 21.8718

Rectangle

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



22.3372, 25.9795, 9.1474



16.9872, 25.9795, 18.0775



27.2083, 25.9795, 64.1200



34.4341, 25.9795, 41.7595

Sweetspot

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



22.3378, 25.9807, 9.1479



43.8274, 47.8894, 38.5489



14.5610, 10.3647, 6.7477



9.9846, 10.9524, 8.5027



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.3378, 25.9807, 9.1479



38.5671, 45.3980, 12.0424



17.0239, 23.4642, 8.9423



5.8337, 6.2736, 5.7928



18.4585, 22.0488, 3.2830



0.1777, 0.2133, 0.0318

Inverse Universe

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



9.4159, 7.3409, 27.3062



13.2954, 8.9470, 47.5642



12.7755, 8.9842, 27.4463



5.1348, 5.2655, 6.7745



4.4027, 1.7914, 23.0908



0.0430, 0.0189, 0.2211

Previews

White Background



This preview shows how the XYZ color 22.3372, 25.9795, 9.1474 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 22.3372, 25.9795, 9.1474 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 22.3372, 25.9795, 9.1474

Background



This preview shows how black text looks on a background with the XYZ color 22.3372, 25.9795, 9.1474.



This preview shows how white text looks on a background with the XYZ color 22.3372, 25.9795,

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

22.3372, 25.9795, 9.1474

Protanopia

23.6879, 26.0195, 8.9280

Deuteranopia

26.2876, 25.8752, 9.4033



Tritanopia

26.7237, 26.0477, 30.4073

Trichromacy



Original Color

22.3372, 25.9795, 9.1474

Protanomaly

23.0859, 25.9271, 8.9419

Deuteranomaly

24.7178, 25.8981, 9.3263

Tritanomaly

24.6938, 25.8509, 20.5178

Monochromacy



Original Color

22.3372, 25.9795, 9.1474

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3842, 24.7060, 18.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3372, 25.9795, 9.1474 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(144, 143, 67)` looks like.

```
.text, #text, p{  
    color:rgb(144, 143, 67)  
}
```

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(144, 143, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 143, 67) }
```

Border

The CSS property to change the border of an element to XYZ 22.3372, 25.9795, 9.1474 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(144, 143, 67) }
```


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

```
.border{ border-color:rgb(144, 143, 67) }
```

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

Here you see how a box with a 4 pixel rgb(144, 143, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 143, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 143, 67);  
box-shadow:4px 4px 4px 4px rgb(144, 143,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3372, 25.9795, 9.1474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 143, 67) }
```

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

```
.background{ background-color: rgb(144,  
143, 67) }
```

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