

Converting Colors

XYZ(22.0925, 25.9887, 13.8539)

Have a look what the booklet for
XYZ(22.0925, 25.9887, 13.8539)
contains.

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Color

**XYZ(22.0149, 25.9361,
13.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	88905B
RGB	136, 144, 91
RGB Percent	53%, 56%, 36%
CMY	0.4667, 0.4353, 0.6431
CMYK	0.06, 0.00, 0.37, 0.44
HSL	69°, 23%, 46%
HSV	69°, 37%, 56%
XYZ	22.0149, 25.9361, 13.7434
YIQ	135.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

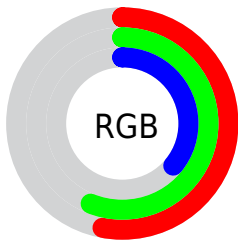
Format	Color
R_{YB}	91, 144, 99
Decimal	8949851
CIE _{Lab}	57.98, -11.80, 27.22
CIE _{LCh}	58, 29.668, 113.435
Yxy	25.9361, 0.3568, 0.4204
Android (android.graphics.Color)	4287139931 (0xFF88905B)
YUV	135.5660, -21.9710, 0.3806
Hunter-Lab	50.9275, -11.9613, 19.6491

Details

The XYZ color **22.0149, 25.9361, 13.7434** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9218, 12.1492, 27.9984**, and the grayscale version is **23.3163, 24.5306, 26.7138**.

A 20% lighter version of the original color is **46.3118, 53.2883, 33.4360**, and **8.2036, 10.1186, 3.9036** is the 20% darker color. If you saturate the color by 10%, you get **21.1030, 25.5319, 10.7635**, and if you desaturate by 10%, it is **23.0545, 26.3941, 17.3527**.

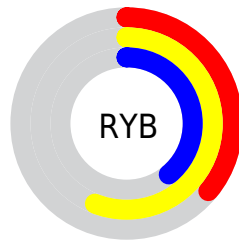
Distribution



Red (53%)

Green (56%)

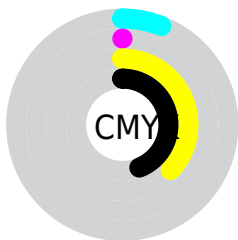
Blue (36%)



Red (36%)

Yellow (56%)

Blue (39%)

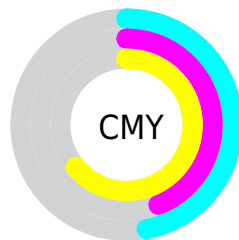


Cyan (6%)

Magenta (0%)

Yellow (37%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0149, 25.9361, 13.7434 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 22.0149, 25.9361, 13.7434 by changing the saturation by 10% instead.

■ 22.0149, 25.9361,
13.7434

■ 22.0149, 25.9361,
13.7434

255.2550,
282.4683, 227.0013

■ 13.9845, 16.7758,
7.8057

■ 46.2493, 53.1718,
33.3436

■ 8.1915, 10.0748,
3.8849

■ 63.1840, 72.0161,
47.8431

■ 4.2706, 5.4486,
1.5624

■ 83.8175, 94.8572,
66.0338

■ 1.8563, 2.5128,
0.2638

■ 108.5153,
122.0794, 88.3339

■ 0.5513, 0.8830,
0.0000

137.6425,
154.0673, 115.1622

■ 0.0000, 0.0000,
0.0000

171.5646,

191.2051, 146.9372

210.6470,
233.8773, 184.0774

■ 22.0149, 25.9361,
13.7434

■ 22.0149, 25.9361,
13.7434

■ 21.1030, 25.5319,
10.7635

■ 23.0545, 26.3941,
17.3527

■ 20.3100, 25.1751,
8.3752

■ 24.2262, 26.9048,
21.6228

■ 19.6289, 24.8639,
6.5394

■ 25.5365, 27.4718,
26.5852

■ 19.0513, 24.5949,
5.2116

■ 26.9910, 28.0973,
32.2687

■ 18.5673, 24.3642,
4.3402

■ 28.5949, 28.7835,
38.7007

■ 18.1605, 24.1652,
3.8393

■ 30.3531, 29.5322,
45.9069

■ 18.0364, 24.1041,
3.7019

■ 32.2704, 30.3454,
53.9120

■ 34.3512, 31.2249,
62.7395

■ 36.6000, 32.1724,
72.4119

Harmonies

Analogous

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



25.4466, 25.9361, 12.8382



22.0149, 25.9361, 13.7434



19.5276, 25.9361, 18.0519

Triad

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



22.0149, 25.9361, 13.7434



20.7753, 25.9361, 47.2091



32.1386, 25.9361, 30.5535

Complementary

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



22.0149, 25.9361, 13.7434



13.9218, 12.1492, 27.9984

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.



30.6014, 25.9361, 41.6818



22.0149, 25.9361, 13.7434



23.8731, 25.9361, 52.6896

Square

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



22.0149, 25.9361, 13.7434



18.8618, 25.9361, 36.8248



27.4906, 25.9361, 50.4542



31.5191, 25.9361, 21.1053

Rectangle

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



22.0149, 25.9361, 13.7434



18.6268, 25.9361, 22.9860



27.4906, 25.9361, 50.4542



31.8525, 25.9361, 34.2392

Sweetspot

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



22.0155, 25.9373, 13.7439



43.9857, 47.9966, 42.8655



17.8480, 15.5996, 11.9682



10.0236, 10.9793, 9.5904



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.



22.0155, 25.9373, 13.7439



37.5085, 45.1590, 19.9014



18.2371, 23.9894, 13.5671



5.7607, 6.2447, 5.7911



15.7211, 20.9971, 3.2243



0.1643, 0.2080, 0.0315

Inverse Universe

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



13.9218, 12.1492, 27.9984



21.1380, 17.2565, 48.7548



17.2993, 13.8903, 28.1564



5.2007, 5.2917, 6.7760



4.6806, 1.9066, 23.0984



0.0564, 0.0242, 0.2214

Previews

White Background



This preview shows how the XYZ color 22.0149, 25.9361, 13.7434 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 22.0149, 25.9361, 13.7434 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 22.0149, 25.9361, 13.7434

Background



This preview shows how black text looks on a background with the XYZ color 22.0149, 25.9361, 13.7434.



This preview shows how white text looks on a background with the XYZ color 22.0149, 25.9361,

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

22.0149, 25.9361, 13.7434

Protanopia

23.7983, 25.7658, 13.1702

Deuteranopia

26.2997, 25.7809, 13.9460



Tritanopia

25.6186, 25.8691, 31.6600

Trichromacy



Original Color

22.0149, 25.9361, 13.7434

Protanomaly

23.2244, 25.8989, 13.4478

Deuteranomaly

24.5877, 25.7319, 13.7961

Tritanomaly

24.0241, 25.8639, 23.8047

Monochromacy



Original Color

22.0149, 25.9361, 13.7434

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.7761, 25.0555, 21.4051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0149, 25.9361, 13.7434 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(136, 144, 91)` looks like.

```
.text, #text, p{  
    color:rgb(136, 144, 91)  
}
```

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(136, 144, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 144, 91) }
```

Border

The CSS property to change the border of an element to XYZ 22.0149, 25.9361, 13.7434 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(136, 144, 91) }
```


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

```
.border{ border-color:rgb(136, 144, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 144, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 144, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 144, 91);  
box-shadow:4px 4px 4px 4px rgb(136, 144,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0149, 25.9361, 13.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 144, 91) }
```

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

```
.background{ background-color: rgb(136,  
144, 91) }
```

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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