

Converting Colors

XYZ(13.7172, 25.8873, 8.9764)

Have a look what the booklet for
XYZ(13.7172, 25.8873, 8.9764)
contains.

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Color

**XYZ(13.7172, 25.8873,
8.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	06A13F
RGB	6, 161, 63
RGB Percent	2%, 63%, 25%
CMY	0.9764, 0.3686, 0.7529
CMYK	0.96, 0.00, 0.61, 0.37
HSL	142°, 93%, 33%
HSV	142°, 96%, 63%
XYZ	13.7172, 25.8873, 8.9764
YIQ	103.4830, -60.9220, -63.3380

Conversions

Conversions Part 2

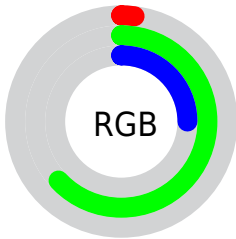
Format	Color
RYB	6, 119, 161
Decimal	434495
CIELab	57.93, -56.40, 40.42
CIELCh	58, 69.385, 144.370
Yxy	25.8873, 0.2824, 0.5329
Android (android.graphics.Color)	4278624575 (0xFF06A13F)
YUV	103.4830, -19.9581, -85.4926
Hunter-Lab	50.8796, -40.9154, 25.1555

Details

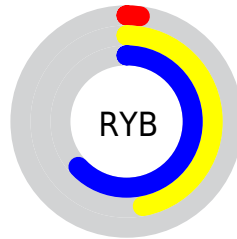
The XYZ color **13.7172, 25.8873, 8.9764** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **17.2628, 8.7074, 13.8697**, and the grayscale version is **13.0843, 13.7657, 14.9908**.

A 20% lighter version of the original color is **32.1645, 53.0648, 24.4669**, and **5.4119, 10.7448, 2.0472** is the 20% darker color. If you saturate the color by 10%, you get **13.5401, 25.8086, 8.4334**, and if you desaturate by 10%, it is **14.2873, 26.1459, 10.6288**.

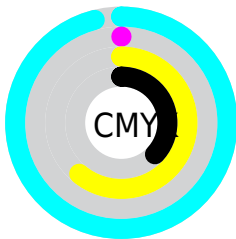
Distribution



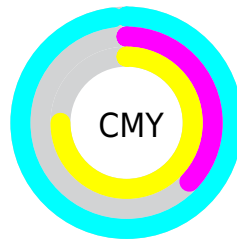
- Red (2%)
- Green (63%)
- Blue (25%)



- Red (2%)
- Yellow (47%)
- Blue (63%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)
- Black (37%)





- Cyan (98%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.7172, 25.8873, 8.9764 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 13.7172, 25.8873, 8.9764 by changing the saturation by 10% instead.


 13.7172, 25.8873,
8.9764


 13.7172, 25.8873,
8.9764


209.0104,
282.2284, 193.4133


 8.0046, 16.7393,
4.6292


 32.1769, 53.0931,
24.4285


 4.1497, 10.0488,
1.9765


 45.6547, 71.9197,
36.3705

 1.7872, 5.4313,
0.5408

 62.4516, 94.7413,
51.6811

 0.5099, 2.5025,
0.0000

 82.9330, 121.9423,
70.7790

 0.0000, 0.8779,
0.0000

 107.4642,
153.9072, 94.0826

 0.0000, 0.0000,
0.0000

 136.4106,

191.0202, 122.0105

170.1375,
233.6658, 154.9812

■ 13.7172, 25.8873,
8.9764

■ 13.7172, 25.8873,
8.9764

■ 13.5401, 25.8086,
8.4334

■ 14.2873, 26.1459,
10.6288

■ 15.1278, 26.5369,
12.5820

■ 16.2832, 27.0835,
14.8518

■ 17.7854, 27.8019,
17.4518

■ 19.6619, 28.7061,
20.3950

■ 21.9375, 29.8085,
23.6934

■ 24.6347, 31.1207,
27.3587

■ 27.7744, 32.6530,
31.4018

■ 31.3759, 34.4153,
35.8332

Harmonies

Analogous

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



18.5513, 25.8873, 3.6120



13.7172, 25.8873, 8.9764



11.8259, 25.8873, 23.9077

Triad

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



13.7172, 25.8873, 8.9764



23.0617, 25.8873, 103.2901



42.3411, 25.8873, 13.1406

Complementary

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



13.7172, 25.8873, 8.9764



17.2628, 8.7074, 13.8697

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.



44.3160, 25.8873, 32.9484



13.7172, 25.8873, 8.9764



31.8505, 25.8873, 94.3417

Square

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



13.7172, 25.8873, 8.9764



16.3795, 25.8873, 84.5933



40.1168, 25.8873, 64.4038



35.2059, 25.8873, 4.8858

Rectangle

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



13.7172, 25.8873, 8.9764



12.0887, 25.8873, 41.2230



40.1168, 25.8873, 64.4038



43.6894, 25.8873, 18.2371

Sweetspot

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



13.7178, 25.8884, 8.9770



42.4491, 54.9201, 46.7712



18.5071, 28.4572, 4.6899



8.8875, 11.8394, 9.6829



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



13.7178, 25.8884, 8.9770



24.1607, 46.1843, 14.6419



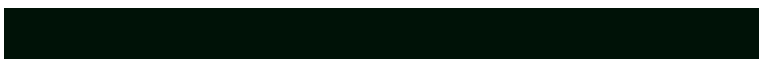
17.5790, 27.4328, 29.3099



7.0882, 7.9361, 8.0763



10.8319, 20.6191, 6.8314



0.2498, 0.4421, 0.2607

Inverse Universe

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



17.2628, 8.7074, 13.8697



30.5020, 15.2416, 23.2394



14.9578, 7.7854, 1.7316



7.2533, 7.1578, 8.3202



13.6663, 6.8226, 10.6993



0.3087, 0.1520, 0.3384

Previews

White Background



This preview shows how the XYZ color 13.7172, 25.8873, 8.9764 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 13.7172, 25.8873, 8.9764 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 13.7172, 25.8873, 8.9764

Background



This preview shows how black text looks on a background with the XYZ color 13.7172, 25.8873, 8.9764.



This preview shows how white text looks on a background with the XYZ color 13.7172, 25.8873,

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

13.7172, 25.8873, 8.9764

Protanopia

23.2729, 25.6208, 7.4601

Deuteranopia

25.9985, 25.5165, 9.6858



Tritanopia

19.7918, 25.8675, 38.6001

Trichromacy



Original Color

13.7172, 25.8873, 8.9764



Protanomaly

16.4787, 23.8925, 7.8809



Deuteranomaly

17.3270, 23.3896, 9.2316



Tritanomaly

16.5484, 25.4886, 24.1263

Monochromacy



Original Color

13.7172, 25.8873, 8.9764



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

11.3530, 16.3488, 11.7898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7172, 25.8873, 8.9764 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(6, 161, 63)` looks like.

```
.text, #text, p{  
    color:rgb(6, 161, 63)  
}
```

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(6, 161, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 161, 63) }
```

Border

The CSS property to change the border of an element to XYZ 13.7172, 25.8873, 8.9764 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(6, 161, 63) }
```


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

```
.border{ border-color:rgb(6, 161, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 161, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 161, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 161, 63);  
box-shadow:4px 4px 4px 4px rgb(6, 161, 63)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.7172, 25.8873, 8.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 161, 63) }
```

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

```
.background{ background-color: rgb(6, 161,  
63) }
```

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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