

Converting Colors

XYZ(14.5890, 13.9685, 9.9099)

Have a look what the booklet for
XYZ(14.5890, 13.9685, 9.9099)
contains.

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Color

**XYZ(14.5890, 13.9685,
9.9099)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6352
RGB	126, 99, 82
RGB Percent	49%, 39%, 32%
CMY	0.5059, 0.6118, 0.6784
CMYK	0.00, 0.21, 0.35, 0.51
HSL	23°, 21%, 41%
HSV	23°, 35%, 49%
XYZ	14.5890, 13.9685, 9.9099
YIQ	105.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

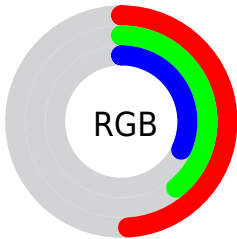
Format	Color
R_{YB}	126, 110, 82
Decimal	8282962
CIE Lab	44.19, 8.28, 13.81
CIE LCh	44, 16.101, 59.049
Yxy	13.9685, 0.3793, 0.3631
Android (android.graphics.Color)	4286473042 (0xFF7E6352)
YUV	105.1350, -11.4056, 18.2986
Hunter-Lab	37.3745, 4.2716, 10.4413

Details

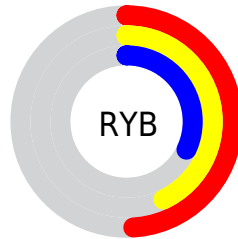
The XYZ color **14.5890, 13.9685, 9.9099** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.7140, 14.2369, 21.8165**, and the grayscale version is **13.4900, 14.1925, 15.4557**.

A 20% lighter version of the original color is **33.8255, 33.1547, 26.0894**, and **4.5424, 4.1261, 2.3073** is the 20% darker color. If you saturate the color by 10%, you get **13.4553, 12.3991, 7.3798**, and if you desaturate by 10%, it is **15.8817, 15.7147, 12.9278**.

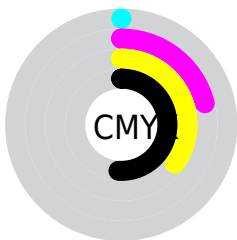
Distribution



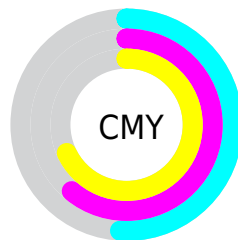
- Red (49%)
- Green (39%)
- Blue (32%)



- Red (49%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5890, 13.9685, 9.9099 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 14.5890, 13.9685, 9.9099 by changing the saturation by 10% instead.

■ 14.5890, 13.9685,
9.9099

■ 14.5890, 13.9685,
9.9099

214.3029,
217.0348, 200.4892

■ 8.6159, 8.0988,
5.2344

■ 33.7081, 33.0331,
26.2311

■ 4.5466, 4.1582,
2.3243

■ 47.5849, 46.9968,
38.7138

■ 2.0158, 1.7625,
0.7448

■ 64.8269, 64.4272,
54.6361

■ 0.6428, 0.4636,
0.0000

■ 85.7994, 85.7088,
74.4165

■ 0.0000, 0.0000,
0.0000

■ 110.8680,
111.2260, 98.4734

140.3979,

141.3631, 127.2255

174.7544,
176.5046, 161.0912

■ 14.5890, 13.9685,
9.9099

■ 14.5890, 13.9685,
9.9099

■ 13.4553, 12.3991,
7.3798

■ 15.8817, 15.7147,
12.9278

■ 12.4726, 10.9987,
5.3105

■ 17.3385, 17.6413,
16.4566

■ 11.6340, 9.7618,
3.6738

■ 18.9659, 19.7542,
20.5193

■ 10.9314, 8.6816,
2.4378

■ 20.7695, 22.0585,
25.1369

■ 10.3559, 7.7510,
1.5664

■ 22.7546, 24.5590,
30.3295

■ 9.8950, 6.9611,
1.0059

■ 24.9264, 27.2605,
36.1159

■ 9.6896, 6.6064,
0.7645

■ 27.2898, 30.1673,
42.5144

■ 29.8496, 33.2840,
49.5423

■ 32.6102, 36.6146,
57.2162

Harmonies

Analogous

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



15.5570, 13.9685, 12.0243



14.5890, 13.9685, 9.9099



13.3177, 13.9685, 9.1721

Triad

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



14.5890, 13.9685, 9.9099



10.9552, 13.9685, 15.0921



14.5135, 13.9685, 22.2757

Complementary

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



14.5890, 13.9685, 9.9099



12.7140, 14.2369, 21.8165

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.



13.2357, 13.9685, 23.4428



14.5890, 13.9685, 9.9099



11.2308, 13.9685, 18.9123

Square

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



14.5890, 13.9685, 9.9099



11.2675, 13.9685, 11.8511



12.0454, 13.9685, 22.1246



15.5115, 13.9685, 19.1486

Rectangle

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



14.5890, 13.9685, 9.9099



12.4861, 13.9685, 9.4509



12.0454, 13.9685, 22.1246



14.0999, 13.9685, 22.9306

Sweetspot

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



14.5894, 13.9692, 9.9102



31.8241, 32.7541, 32.1993



14.3890, 11.5773, 15.9820



7.1648, 7.3542, 7.1400



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.5894, 13.9692, 9.9102



24.0500, 22.3373, 13.7886



16.9484, 18.6872, 10.6965



4.4535, 4.5956, 4.5724



9.9367, 6.7698, 0.7830



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.7140, 14.2369, 21.8165



20.2173, 22.8757, 38.0942



10.6647, 10.1384, 21.1334



4.3112, 4.6164, 5.4771



6.6042, 7.0269, 21.2582



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5890, 13.9685, 9.9099 looks on a white 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

Black Background



This preview shows how the XYZ color 14.5890, 13.9685, 9.9099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

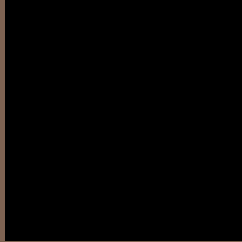
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5890, 13.9685, 9.9099

Background



This preview shows how black text looks on a background with the XYZ color 14.5890, 13.9685, 9.9099.



This preview shows how white text looks on a background with the XYZ color 14.5890, 13.9685,

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

14.5890, 13.9685, 9.9099

Protanopia

13.1456, 13.9360, 10.5914

Deuteranopia

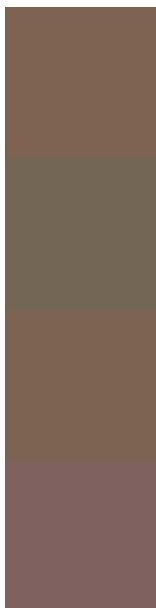
14.1062, 13.8611, 9.9146



Tritanopia

15.5331, 13.9342, 14.7028

Trichromacy



Original Color

14.5890, 13.9685, 9.9099

Protanomaly

13.5541, 13.8558, 10.3476

Deuteranomaly

14.2485, 13.9345, 9.9213

Tritanomaly

15.0926, 13.8876, 12.7116

Monochromacy



Original Color

14.5890, 13.9685, 9.9099

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8180, 14.0743, 13.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5890, 13.9685, 9.9099 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(126, 99, 82)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 82)  
}
```

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(126, 99, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.5890, 13.9685, 9.9099 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(126, 99, 82) }
```


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

```
.border{ border-color:rgb(126, 99, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 99, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 82);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5890, 13.9685, 9.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 99, 82) }
```

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

```
.background{ background-color: rgb(126, 99,  
82) }
```

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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