

Converting Colors

XYZ(24.5764, 28.0923, 10.9568)

Have a look what the booklet for
XYZ(24.5764, 28.0923, 10.9568)
contains.

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Color

**XYZ(24.5007, 27.9685,
10.9446)**

Conversions

Conversions Part 1

Format	Color
Hex	97934C
RGB	151, 147, 76
RGB Percent	59%, 58%, 30%
CMY	0.4078, 0.4235, 0.7020
CMYK	0.00, 0.03, 0.50, 0.41
HSL	57°, 33%, 45%
HSV	57°, 50%, 59%
XYZ	24.5007, 27.9685, 10.9446
YIQ	140.1020, 25.1750, -21.2330

Conversions

Conversions Part 2

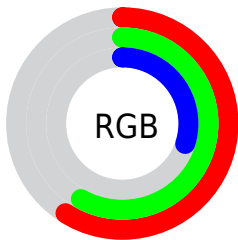
Format	Color
RYB	80, 151, 76
Decimal	9933644
CIELab	59.86, -8.77, 37.80
CIELCh	60, 38.806, 103.064
Yxy	27.9685, 0.3864, 0.4410
Android (android.graphics.Color)	4288123724 (0xFF97934C)
YUV	140.1020, -31.6023, 9.5575
Hunter-Lab	52.8853, -9.8536, 24.7496

Details

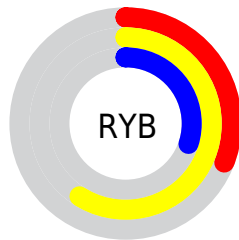
The XYZ color **24.5007, 27.9685, 10.9446** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.4350, 9.5079, 30.5106**, and the grayscale version is **25.0796, 26.3857, 28.7341**.

A 20% lighter version of the original color is **50.4495, 56.5710, 28.3390**, and **9.5213, 11.2299, 2.7644** is the 20% darker color. If you saturate the color by 10%, you get **23.9118, 27.5345, 8.4554**, and if you desaturate by 10%, it is **25.2151, 28.4562, 14.0842**.

Distribution



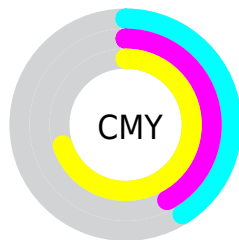
- Red (59%)
- Green (58%)
- Blue (30%)



- Red (31%)
- Yellow (59%)
- Blue (30%)



- Cyan (0%)
- Magenta (3%)
- Yellow (50%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5007, 27.9685, 10.9446 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 24.5007, 27.9685, 10.9446 by changing the saturation by 10% instead.

■ 24.5007, 27.9685,
10.9446

■ 24.5007, 27.9685,
10.9446

267.7359,
292.3164, 208.0109

■ 15.8322, 18.3019,
5.9159

■ 50.2948, 56.4341,
28.1928

■ 9.4956, 11.1670,
2.7260

■ 68.1511, 76.0020,
41.2493

■ 5.1255, 6.1793,
0.9565

■ 89.8007, 99.6391,
57.8188

■ 2.3566, 2.9544,
0.0000

■ 115.6090,
127.7297, 78.3200

■ 0.8234, 1.1080,
0.0000

■ 145.9413,
160.6584, 103.1712

■ 0.0000, 0.0000,
0.0000

181.1630,

198.8095, 132.7910

221.6394,
242.5673, 167.5981

■ 24.5007, 27.9685,
10.9446

■ 24.5007, 27.9685,
10.9446

■ 23.9118, 27.5345,
8.4554

■ 25.2151, 28.4562,
14.0842

■ 23.4376, 27.1467,
6.5689

■ 26.0608, 28.9967,
17.9142

■ 23.0688, 26.8025,
5.2334

■ 27.0458, 29.5944,
22.4732

■ 22.7939, 26.4972,
4.3879

■ 28.1768, 30.2519,
27.7967

■ 22.5849, 26.2197,
3.8850

■ 29.4601, 30.9718,
33.9177

■ 22.5781, 26.2106,
3.8692

■ 30.9016, 31.7563,
40.8674

■ 32.5069, 32.6077,
48.6752

■ 34.2812, 33.5282,
57.3691

■ 36.2298, 34.5199,
66.9759

Harmonies

Analogous

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



29.4367, 27.9685, 11.1860



24.5007, 27.9685, 10.9446



20.6301, 27.9685, 14.6320

Triad

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



24.5007, 27.9685, 10.9446



20.2506, 27.9685, 52.9643



36.7043, 27.9685, 39.0512

Complementary

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



24.5007, 27.9685, 10.9446



11.4350, 9.5079, 30.5106

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.



33.5837, 27.9685, 54.8594



24.5007, 27.9685, 10.9446



23.9204, 27.9685, 64.4398

Square

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



24.5007, 27.9685, 10.9446



18.3883, 27.9685, 37.0001



28.7805, 27.9685, 65.2242



36.9099, 27.9685, 24.7276

Rectangle

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



24.5007, 27.9685, 10.9446



19.0066, 27.9685, 19.7504



28.7805, 27.9685, 65.2242



35.9454, 27.9685, 44.4561

Sweetspot

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



24.5014, 27.9698, 10.9452



49.2877, 53.5010, 44.2385



16.8323, 12.3425, 9.2801



11.1150, 12.1089, 9.6444



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.5014, 27.9698, 10.9452



42.6800, 49.1992, 14.5566



19.9106, 26.5417, 10.9115



6.6807, 7.1665, 6.6370



19.2145, 22.3114, 3.2938



0.2946, 0.3483, 0.0517

Inverse Universe

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



11.4350, 9.5079, 30.5106



16.4241, 12.1123, 53.9059



14.4159, 10.6232, 30.5688



5.9096, 6.0765, 7.7904



4.8332, 2.0630, 25.0512



0.0784, 0.0432, 0.3766

Previews

White Background



This preview shows how the XYZ color 24.5007, 27.9685, 10.9446 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 24.5007, 27.9685, 10.9446 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 24.5007, 27.9685, 10.9446

Background



This preview shows how black text looks on a background with the XYZ color 24.5007, 27.9685, 10.9446.



This preview shows how white text looks on a background with the XYZ color 24.5007, 27.9685,

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

24.5007, 27.9685, 10.9446

Protanopia

25.5413, 27.8254, 10.6813

Deuteranopia

28.2253, 27.6715, 11.0612



Tritanopia

29.0357, 28.0382, 32.7357

Trichromacy



Original Color

24.5007, 27.9685, 10.9446

Protanomaly

25.1057, 27.8267, 10.7045

Deuteranomaly

26.8008, 27.8011, 10.9748

Tritanomaly

26.9585, 27.8440, 22.6925

Monochromacy



Original Color

24.5007, 27.9685, 10.9446

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5349, 26.8586, 20.7207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5007, 27.9685, 10.9446 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(151, 147, 76)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 76)  
}
```

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(151, 147, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.5007, 27.9685, 10.9446 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(151, 147, 76) }
```


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

```
.border{ border-color:rgb(151, 147, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 147, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 147, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 147, 76);  
box-shadow:4px 4px 4px 4px rgb(151, 147,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5007, 27.9685, 10.9446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 76) }
```

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

```
.background{ background-color: rgb(151,  
147, 76) }
```

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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