

Converting Colors

XYZ(24.6930, 28.1497, 17.7676)

Have a look what the booklet for
XYZ(24.6930, 28.1497, 17.7676)
contains.

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Color

**XYZ(24.6930, 28.1497,
17.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	90946A
RGB	144, 148, 106
RGB Percent	56%, 58%, 42%
CMY	0.4353, 0.4196, 0.5843
CMYK	0.03, 0.00, 0.28, 0.42
HSL	66°, 17%, 50%
HSV	66°, 28%, 58%
XYZ	24.6930, 28.1497, 17.7676
YIQ	142.0160, 11.0980, -13.9100

Conversions

Conversions Part 2

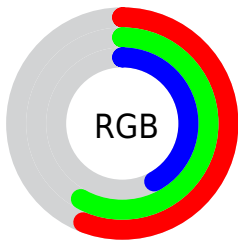
Format	Color
R_{YB}	106, 148, 110
Decimal	9475178
CIE Lab	60.02, -8.65, 21.78
CIE LCh	60, 23.437, 111.648
Yxy	28.1497, 0.3497, 0.3987
Android (android.graphics.Color)	4287665258 (0xFF90946A)
YUV	142.0160, -17.7559, 1.7400
Hunter-Lab	53.0563, -9.7726, 17.2842

Details

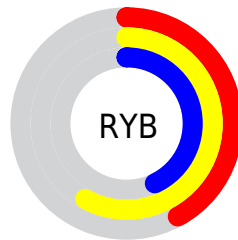
The XYZ color **24.6930, 28.1497, 17.7676** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9308, 15.7619, 30.1686**, and the grayscale version is **25.7830, 27.1258, 29.5400**.

A 20% lighter version of the original color is **50.5808, 56.7154, 40.6290**, and **9.5526, 11.1820, 5.6579** is the 20% darker color. If you saturate the color by 10%, you get **23.7442, 27.7429, 14.0465**, and if you desaturate by 10%, it is **25.7791, 28.6138, 22.1898**.

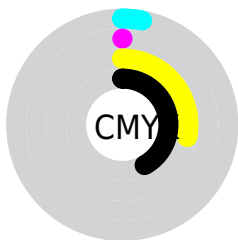
Distribution



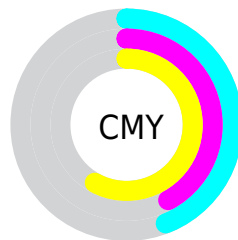
- Red (56%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (43%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6930, 28.1497, 17.7676 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 24.6930, 28.1497, 17.7676 by changing the saturation by 10% instead.

■ 24.6930, 28.1497,
17.7676

■ 24.6930, 28.1497,
17.7676

268.6815,
293.1815, 251.7498

■ 15.9760, 18.4385,
10.6156

■ 50.6052, 56.7234,
40.4495

■ 9.5979, 11.2653,
5.6981

■ 68.5312, 76.3546,
56.8164

■ 5.1934, 6.2456,
2.5966

■ 90.2574, 100.0614,
77.0921

■ 2.3971, 2.9950,
0.8907

■ 116.1494,
128.2281, 101.6950

■ 0.8437, 1.1291,
0.0000

146.5725,
161.2390, 131.0436

■ 0.0000, 0.0026,
0.0000

181.8919,

■ 0.0000, 0.0000,

199.4787, 165.5566

0.0000

222.4732,
243.3314, 205.6525

■ 24.6930, 28.1497,
17.7676

■ 24.6930, 28.1497,
17.7676

■ 23.7442, 27.7429,
14.0465

■ 25.7791, 28.6138,
22.1898

■ 22.9239, 27.3868,
10.9887

■ 27.0069, 29.1339,
27.3445

■ 22.2252, 27.0797,
8.5556

■ 28.3828, 29.7136,
33.2637

■ 21.6400, 26.8184,
6.7041

■ 29.9126, 30.3553,
39.9768

■ 21.1589, 26.5991,
5.3854

■ 31.6016, 31.0609,
47.5115

■ 20.7713, 26.4175,
4.5428

■ 33.4547, 31.8326,
55.8945

■ 20.4551, 26.2649,
4.0604

■ 35.4768, 32.6723,
65.1509

■ 20.4055, 26.2408,
3.9895

■ 37.6726, 33.5817,
75.3052

■ 40.0464, 34.5628,
86.3806

Harmonies

Analogous

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



27.5980, 28.1497, 17.0914



24.6930, 28.1497, 17.7676



22.5012, 28.1497, 21.5386

Triad

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



24.6930, 28.1497, 17.7676



23.3491, 28.1497, 45.4363



32.8468, 28.1497, 33.1009

Complementary

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



24.6930, 28.1497, 17.7676



16.9308, 15.7619, 30.1686

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.



31.5147, 28.1497, 42.0256



24.6930, 28.1497, 17.7676



25.9302, 28.1497, 49.9647

Square

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



24.6930, 28.1497, 17.7676



21.7664, 28.1497, 37.1244



28.9296, 28.1497, 48.6123



32.4539, 28.1497, 24.9762

Rectangle

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



24.6930, 28.1497, 17.7676



21.6681, 28.1497, 25.7596



28.9296, 28.1497, 48.6123



32.5826, 28.1497, 36.1237

Sweetspot

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



24.6937, 28.1510, 17.7682



47.4668, 51.3251, 47.4685



20.3373, 18.3815, 16.1121



10.7666, 11.6872, 10.5435



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.6937, 28.1510, 17.7682



42.4859, 49.2036, 27.0729



21.4325, 26.4697, 17.6156



6.2115, 6.7169, 6.2096



17.4409, 22.4190, 3.4081



0.2262, 0.2810, 0.0423

Inverse Universe

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



16.9308, 15.7619, 30.1686



26.5032, 23.6916, 52.6107



19.7830, 17.2323, 30.3021



5.5477, 5.6578, 7.2694



4.7336, 1.9128, 24.0508



0.0681, 0.0286, 0.2948

Previews

White Background



This preview shows how the XYZ color 24.6930, 28.1497, 17.7676 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 24.6930, 28.1497, 17.7676 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

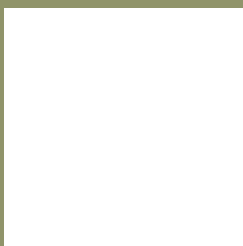
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6930, 28.1497, 17.7676

Background



This preview shows how black text looks on a background with the XYZ color 24.6930, 28.1497, 17.7676.



This preview shows how white text looks on a background with the XYZ color 24.6930, 28.1497,

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

24.6930, 28.1497, 17.7676

Protanopia

25.9895, 27.9146, 17.1150

Deuteranopia

28.5170, 28.0940, 18.1070



Tritanopia

28.0004, 28.1299, 34.0908

Trichromacy



Original Color

24.6930, 28.1497, 17.7676

Protanomaly

25.4377, 27.8500, 17.3995

Deuteranomaly

27.0248, 27.9846, 17.8871

Tritanomaly

26.6299, 28.0200, 27.2974

Monochromacy



Original Color

24.6930, 28.1497, 17.7676

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2634, 27.3711, 24.7205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6930, 28.1497, 17.7676 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, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(144, 148, 106)  
}
```

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, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 148, 106) }
```

Border

The CSS property to change the border of an element to XYZ 24.6930, 28.1497, 17.7676 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, 148, 106) }
```


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

```
.border{ border-color:rgb(144, 148, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 148, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(144, 148,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6930, 28.1497, 17.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 148, 106) }
```

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

```
.background{ background-color: rgb(144,  
148, 106) }
```

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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