

Converting Colors

XYZ(14.3379, 17.9404, 9.5446)

Have a look what the booklet for
XYZ(14.3379, 17.9404, 9.5446)
contains.

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Color

**XYZ(14.3379, 17.9404,
9.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	697C4C
RGB	105, 124, 76
RGB Percent	41%, 49%, 30%
CMY	0.5882, 0.5137, 0.7020
CMYK	0.15, 0.00, 0.39, 0.51
HSL	84°, 24%, 39%
HSV	84°, 39%, 49%
XYZ	14.3379, 17.9404, 9.5446
YIQ	112.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

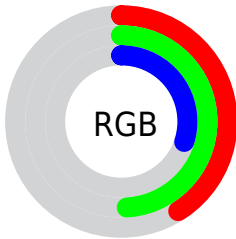
Format	Color
R_{YB}	76, 124, 95
Decimal	6913100
CIE Lab	49.42, -15.83, 23.96
CIE LCh	49, 28.715, 123.462
Yxy	17.9404, 0.3428, 0.4290
Android (android.graphics.Color)	4285103180 (0xFF697C4C)
YUV	112.8470, -18.1656, -6.8818
Hunter-Lab	42.3561, -13.6994, 16.2888

Details

The XYZ color **14.3379, 17.9404, 9.5446** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.9425, 9.0575, 20.2413**, and the grayscale version is **15.7024, 16.5201, 17.9904**.

A 20% lighter version of the original color is **33.3927, 40.1187, 25.7224**, and **4.4378, 5.9957, 2.1517** is the 20% darker color. If you saturate the color by 10%, you get **13.3878, 17.4963, 7.4627**, and if you desaturate by 10%, it is **15.4053, 18.4365, 12.0666**.

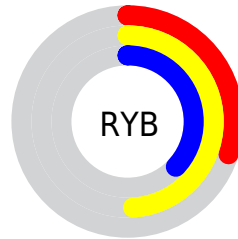
Distribution



Red (41%)

Green (49%)

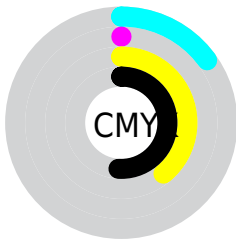
Blue (30%)



Red (30%)

Yellow (49%)

Blue (37%)

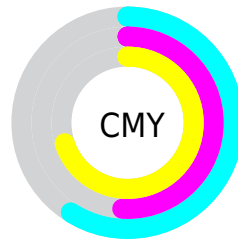


Cyan (15%)

Magenta (0%)

Yellow (39%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3379, 17.9404, 9.5446 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 14.3379, 17.9404, 9.5446 by changing the saturation by 10% instead.

■ 14.3379, 17.9404,
9.5446

■ 14.3379, 17.9404,
9.5446

212.7917,
240.5349, 197.7554

■ 8.4393, 10.9072,
4.9964

■ 33.2687, 39.9357,
25.5296

■ 4.4315, 6.0045,
2.1865

■ 47.0316, 55.6667,
37.8036

■ 1.9490, 2.8478,
0.6665

■ 64.1466, 75.0657,
53.4899

■ 0.6051, 1.0528,
0.0000

■ 84.9792, 98.5171,
73.0070

■ 0.0000, 0.0000,
0.0000

■ 109.8946,
126.4053, 96.7737

139.2583,

159.1147, 125.2082

173.4355,
197.0298, 158.7293

■ 14.3379, 17.9404,
9.5446

■ 14.3379, 17.9404,
9.5446

■ 13.3878, 17.4963,
7.4627

■ 15.4053, 18.4365,
12.0666

■ 12.5483, 17.0996,
5.7944

■ 16.5937, 18.9843,
15.0508

■ 11.8141, 16.7487,
4.5123


■ 17.9080, 19.5865,
18.5192


■ 11.1785, 16.4409,
3.5851


■ 19.3528, 20.2448,
22.4921


■ 10.6342, 16.1732,
2.9767


■ 20.9320, 20.9611,
26.9885


 10.1614, 15.9376,
2.5866

 22.6496, 21.7368,
32.0265

 10.1030, 15.9085,
2.5382

 24.5095, 22.5737,
37.6234

 26.5151, 23.4730,
43.7957

 28.6700, 24.4365,
50.5591

Harmonies

Analogous

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



16.7392, 17.9404, 8.1065



14.3379, 17.9404, 9.5446



12.8033, 17.9404, 13.5982

Triad

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



14.3379, 17.9404, 9.5446



14.8288, 17.9404, 36.1506



22.7976, 17.9404, 18.6469

Complementary

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



14.3379, 17.9404, 9.5446



10.9425, 9.0575, 20.2413

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.



22.1494, 17.9404, 26.9861



14.3379, 17.9404, 9.5446



17.3683, 17.9404, 38.5291

Square

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



14.3379, 17.9404, 9.5446



13.0649, 17.9404, 28.9683



20.0882, 17.9404, 34.8096



21.7770, 17.9404, 12.4090

Rectangle

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



14.3379, 17.9404, 9.5446



12.3826, 17.9404, 17.8843



20.0882, 17.9404, 34.8096



22.7681, 17.9404, 21.2823

Sweetspot

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



14.3383, 17.9412, 9.5450



30.6596, 34.0759, 30.3060



13.6557, 12.8842, 8.6049



7.1651, 7.9999, 6.9900



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.



14.3383, 17.9412, 9.5450



23.8154, 30.9086, 13.6743



11.9577, 16.7139, 9.4336



4.1614, 4.5585, 4.2850



10.2671, 16.1701, 2.5800



47.9969, 76.6287, 12.2611

Inverse Universe

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



10.9425, 9.0575, 20.2413



16.9935, 13.0504, 35.1799



13.7489, 10.5042, 20.3727



3.9338, 3.9638, 5.0009



4.9876, 2.1440, 19.5362



22.8908, 9.7626, 93.1477

Previews

White Background



This preview shows how the XYZ color 14.3379, 17.9404, 9.5446 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 14.3379, 17.9404, 9.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

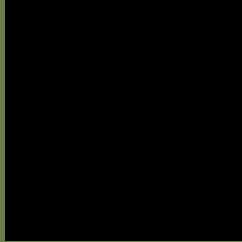
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.3379, 17.9404, 9.5446

Background



This preview shows how black text looks on a background with the XYZ color 14.3379, 17.9404, 9.5446.



This preview shows how white text looks on a background with the XYZ color 14.3379, 17.9404,

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

14.3379, 17.9404, 9.5446

Protanopia

16.4660, 17.7928, 8.8698

Deuteranopia

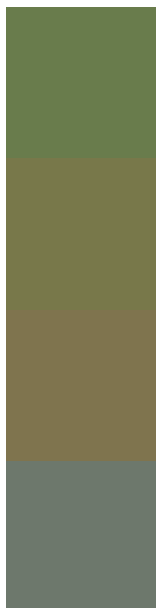
18.0207, 17.7283, 9.8692



Tritanopia

16.9913, 17.9339, 22.6447

Trichromacy



Original Color

14.3379, 17.9404, 9.5446

Protanomaly

15.6982, 17.9204, 9.1102

Deuteranomaly

16.3729, 17.5529, 9.7328

Tritanomaly

15.7299, 17.7669, 16.7876

Monochromacy



Original Color

14.3379, 17.9404, 9.5446

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0919, 16.9577, 14.5343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3379, 17.9404, 9.5446 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(105, 124, 76)` looks like.

```
.text, #text, p{  
    color:rgb(105, 124, 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(105, 124, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 124, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.3379, 17.9404, 9.5446 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(105, 124, 76) }
```


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

```
.border{ border-color:rgb(105, 124, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 124, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 124, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 124, 76);  
box-shadow:4px 4px 4px 4px rgb(105, 124,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3379, 17.9404, 9.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 124, 76) }
```

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

```
.background{ background-color: rgb(105,  
124, 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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