

Converting Colors

XYZ(13.9507, 22.5097, 20.8219)

Have a look what the booklet for
XYZ(13.9507, 22.5097, 20.8219)
contains.

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Color

**XYZ(13.9475, 22.5330,
20.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	079476
RGB	7, 148, 118
RGB Percent	3%, 58%, 46%
CMY	0.9725, 0.4196, 0.5373
CMYK	0.95, 0.00, 0.20, 0.42
HSL	167°, 91%, 30%
HSV	167°, 95%, 58%
XYZ	13.9475, 22.5330, 20.7537
YIQ	102.4210, -74.4060, -39.2220

Conversions

Conversions Part 2

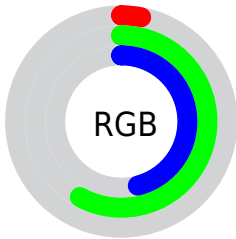
Format	Color
RYB	7, 86, 148
Decimal	496758
CIELab	54.59, -40.53, 6.60
CIELCh	55, 41.065, 170.746
Yxy	22.5330, 0.2437, 0.3937
Android (android.graphics.Color)	4278686838 (0xFF079476)
YUV	102.4210, 7.6804, -83.6842
Hunter-Lab	47.4689, -30.6231, 7.3063

Details

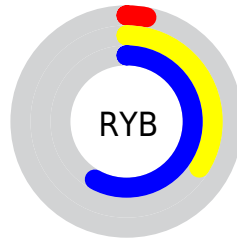
The XYZ color **13.9475, 22.5330, 20.7537** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.6234, 6.5819, 2.3562**, and the grayscale version is **12.7350, 13.3982, 14.5907**.

A 20% lighter version of the original color is **32.6361, 47.6889, 45.5150**, and **5.2884, 8.8079, 7.2157** is the 20% darker color. If you saturate the color by 10%, you get **13.7724, 22.4535, 20.2869**, and if you desaturate by 10%, it is **14.3774, 22.7332, 21.7677**.

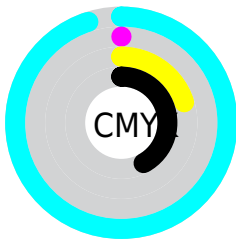
Distribution



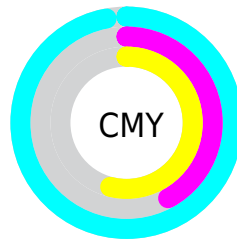
- Red (3%)
- Green (58%)
- Blue (46%)



- Red (3%)
- Yellow (34%)
- Blue (58%)



- Cyan (95%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (97%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9475, 22.5330, 20.7537 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 13.9475, 22.5330, 20.7537 by changing the saturation by 10% instead.

■ 13.9475, 22.5330,
20.7537

■ 13.9475, 22.5330,
20.7537

210.4211,
265.3172, 268.7046

■ 8.1656, 14.2491,
12.7546

■ 32.5829, 47.6254,
45.5527

■ 4.2538, 8.2941,
7.1310

■ 46.1671, 65.2026,
63.1897

■ 1.8467, 4.2837,
3.4645

■ 63.0828, 86.6463,
84.8764

■ 0.5456, 1.8335,
1.3364

■ 83.6954, 112.3411,
111.0314

■ 0.0000, 0.5079,
0.0914

■ 108.3701,
142.6711, 142.0731

■ 0.0000, 0.0000,
0.0000

■ 137.4724,

178.0209, 178.4202

171.3676,
218.7748, 220.4912

■ 13.9475, 22.5330,
20.7537

■ 13.9475, 22.5330,
20.7537

■ 13.7724, 22.4535,
20.2869

■ 14.3774, 22.7332,
21.7677

■ 14.9964, 23.0296,
22.8231

■ 15.8364, 23.4392,
23.9220

■ 16.9208, 23.9740,
25.0659

■ 18.2700, 24.6446,
26.2560

■ 19.9022, 25.4603,
27.4935

■ 21.8340, 26.4297,
28.7795

■ 24.0807, 27.5607,
30.1148

■ 26.6564, 28.8605,
31.5006

Harmonies

Analogous

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



15.3793, 22.5330, 11.9362



13.9475, 22.5330, 20.7537



14.2879, 22.5330, 34.4255

Triad

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



13.9475, 22.5330, 20.7537



24.6380, 22.5330, 55.8590



27.3860, 22.5330, 9.8904

Complementary

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



13.9475, 22.5330, 20.7537



12.6234, 6.5819, 2.3562

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.



30.5931, 22.5330, 16.7467



13.9475, 22.5330, 20.7537



28.8582, 22.5330, 43.8433

Square

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



13.9475, 22.5330, 20.7537



20.0525, 22.5330, 58.1164



31.1667, 22.5330, 28.7489



22.8419, 22.5330, 7.2795

Rectangle

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



13.9475, 22.5330, 20.7537



15.4960, 22.5330, 44.5772



31.1667, 22.5330, 28.7489



28.6815, 22.5330, 11.6323

Sweetspot

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



13.9481, 22.5339, 20.7542



36.9863, 45.8601, 49.7885



11.4118, 21.5997, 3.7690



8.1464, 10.3200, 11.1649



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.



13.9481, 22.5339, 20.7542



24.2352, 39.5907, 35.4533



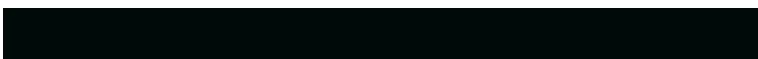
10.8015, 12.9200, 29.9425



5.9118, 6.5413, 7.1465



11.7736, 19.1822, 17.3811



0.1547, 0.2390, 0.2686

Inverse Universe

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



12.6234, 6.5819, 2.3562



21.9437, 11.2668, 3.0882



13.2664, 8.3411, 1.1121



5.8483, 5.8344, 6.3073



10.6572, 5.4679, 1.6757



0.1396, 0.0706, 0.0686

Previews

White Background



This preview shows how the XYZ color 13.9475, 22.5330, 20.7537 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 13.9475, 22.5330, 20.7537 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 13.9475, 22.5330, 20.7537

Background



This preview shows how black text looks on a background with the XYZ color 13.9475, 22.5330, 20.7537.



This preview shows how white text looks on a background with the XYZ color 13.9475, 22.5330,

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

13.9475, 22.5330, 20.7537

Protanopia

21.0595, 22.3878, 17.6793

Deuteranopia

22.5858, 22.1170, 21.8175



Tritanopia

16.8210, 22.5694, 34.4801

Trichromacy



Original Color

13.9475, 22.5330, 20.7537



Protanomaly

16.0867, 21.2348, 18.5801



Deuteranomaly

16.5580, 20.5884, 21.1904



Tritanomaly

15.5730, 22.4951, 29.1124

Monochromacy



Original Color

13.9475, 22.5330, 20.7537



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

11.6183, 15.4697, 16.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9475, 22.5330, 20.7537 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(7, 148, 118)` looks like.

```
.text, #text, p{  
    color:rgb(7, 148, 118)  
}
```

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(7, 148, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 148, 118) }
```

Border

The CSS property to change the border of an element to XYZ 13.9475, 22.5330, 20.7537 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(7, 148, 118) }
```


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

```
.border{ border-color:rgb(7, 148, 118) }
```

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

Here you see how a box with a 4 pixel rgb(7, 148, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 148, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 148, 118);  
box-shadow:4px 4px 4px 4px rgb(7, 148,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9475, 22.5330, 20.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 148, 118) }
```

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

```
.background{ background-color: rgb(7, 148,  
118) }
```

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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