

Converting Colors

XYZ(14.8927, 24.2592, 13.6948)

Have a look what the booklet for
XYZ(14.8927, 24.2592, 13.6948)
contains.

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Color

**XYZ(14.9669, 24.4077,
13.8198)**

Conversions

Conversions Part 1

Format	Color
Hex	39995B
RGB	57, 153, 91
RGB Percent	22%, 60%, 36%
CMY	0.7765, 0.4000, 0.6431
CMYK	0.63, 0.00, 0.41, 0.40
HSL	141°, 46%, 41%
HSV	141°, 63%, 60%
XYZ	14.9669, 24.4077, 13.8198
YIQ	117.2280, -37.3140, -39.6340

Conversions

Conversions Part 2

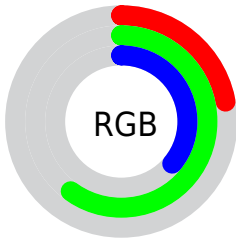
Format	Color
RYB	57, 128, 153
Decimal	3774811
CIELab	56.49, -42.47, 24.48
CIELCh	56, 49.020, 150.042
Yxy	24.4077, 0.2814, 0.4588
Android (android.graphics.Color)	4281964891 (0xFF39995B)
YUV	117.2280, -12.9304, -52.8200
Hunter-Lab	49.4041, -32.3810, 17.9977

Details


The XYZ color **14.9669, 24.4077, 13.8198** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.9305, 11.0309, 18.6377**, and the grayscale version is **17.0269, 17.9137, 19.5080**.

A 20% lighter version of the original color is **34.3778, 50.6422, 33.5542**, and **5.1083, 9.4892, 3.9452** is the 20% darker color. If you saturate the color by 10%, you get **13.8241, 23.8653, 11.6861**, and if you desaturate by 10%, it is **16.4300, 25.1101, 16.2627**.

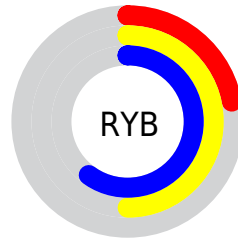
Distribution



 Red (22%)

 Green (60%)

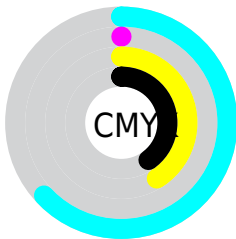
 Blue (36%)




 Red (22%)

 Yellow (50%)

 Blue (60%)

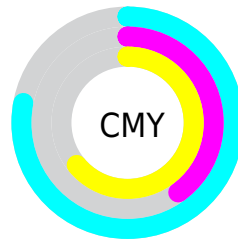


 Cyan (63%)


 Magenta (0%)

 Yellow (41%)

 Black (40%)



 Cyan (78%)

 Magenta (40%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9669, 24.4077, 13.8198 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 14.9669, 24.4077, 13.8198 by changing the saturation by 10% instead.

■ 14.9669, 24.4077,
13.8198

■ 14.9669, 24.4077,
13.8198

216.5581,
274.8752, 227.4962

■ 8.8823, 15.6363,
7.8581

■ 34.3672, 50.6947,
33.4815

■ 4.7210, 9.2672,
3.9178

■ 48.4137, 68.9791,
48.0185

■ 2.1176, 4.9159,
1.5804

■ 65.8448, 91.2033,
66.2511

■ 0.6987, 2.1980,
0.2768

■ 87.0260, 117.7517,
88.5978

■ 0.0000, 0.7189,
0.0000

■ 112.3226,
149.0087, 115.4771

■ 0.0000, 0.0000,
0.0000

142.0999,

185.3587, 147.3076

176.7233,
227.1861, 184.5078

■ 14.9669, 24.4077,
13.8198

■ 14.9669, 24.4077,
13.8198

■ 13.8241, 23.8653,
11.6861

■ 16.4300, 25.1101,
16.2627

■ 12.9730, 23.4664,
9.8472

■ 18.2349, 25.9813,
19.0248

■ 12.3830, 23.1961,
8.2901

■ 20.4035, 27.0330,
22.1181

■ 12.0620, 23.0516,
7.3269

■ 22.9552, 28.2751,
25.5530

■ 25.9080, 29.7165,
29.3397

■ 29.2787, 31.3659,
33.4880

■ 33.0831, 33.2310,
38.0072

■ 37.3363, 35.3196,
42.9062

■ 42.0525, 37.6388,
48.1938

Harmonies

Analogous

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



18.1509, 24.4077, 7.6576



14.9669, 24.4077, 13.8198



13.9039, 24.4077, 26.5987

Triad

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



14.9669, 24.4077, 13.8198



23.2068, 24.4077, 71.7108



33.9917, 24.4077, 13.7942

Complementary

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



14.9669, 24.4077, 13.8198



17.9305, 11.0309, 18.6377

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.



35.9192, 24.4077, 26.5530



14.9669, 24.4077, 13.8198



29.1053, 24.4077, 63.8734

Square

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



14.9669, 24.4077, 13.8198



18.1626, 24.4077, 63.9145



34.0020, 24.4077, 45.4480



29.0892, 24.4077, 7.6477

Rectangle

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



14.9669, 24.4077, 13.8198



14.3793, 24.4077, 38.7966



34.0020, 24.4077, 45.4480



35.0416, 24.4077, 17.2356

Sweetspot

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



14.9675, 24.4087, 13.8204



42.8085, 51.4645, 47.9744



19.7934, 27.0293, 8.0450



9.1580, 11.2202, 10.2103



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.



14.9675, 24.4087, 13.8204



24.1283, 42.4424, 19.6363



17.7103, 25.5058, 28.2639



6.2180, 6.9599, 7.0715



9.9833, 19.0568, 6.1327



0.1655, 0.2914, 0.1772

Inverse Universe

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



17.9305, 11.0309, 18.6377



29.8491, 16.4636, 28.8263



15.7509, 10.1591, 7.1597



6.3683, 6.2865, 7.3194



12.7276, 6.3453, 10.3564



0.2074, 0.1017, 0.2452

Previews

White Background



This preview shows how the XYZ color 14.9669, 24.4077, 13.8198 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 14.9669, 24.4077, 13.8198 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 14.9669, 24.4077, 13.8198

Background



This preview shows how black text looks on a background with the XYZ color 14.9669, 24.4077, 13.8198.



This preview shows how white text looks on a background with the XYZ color 14.9669, 24.4077,

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

14.9669, 24.4077, 13.8198

Protanopia

22.2968, 24.1711, 11.8778

Deuteranopia

24.5051, 24.0372, 14.6573



Tritanopia

19.2718, 24.2629, 35.5658

Trichromacy



Original Color

14.9669, 24.4077, 13.8198



Protanomaly

18.3327, 23.6115, 12.6081



Deuteranomaly

19.3224, 23.2141, 14.2888



Tritanomaly

17.3493, 24.1754, 25.9422

Monochromacy



Original Color

14.9669, 24.4077, 13.8198



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

15.4087, 19.4809, 17.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9669, 24.4077, 13.8198 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(57, 153, 91)` looks like.

```
.text, #text, p{  
    color:rgb(57, 153, 91)  
}
```

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(57, 153, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 153, 91) }
```

Border

The CSS property to change the border of an element to XYZ 14.9669, 24.4077, 13.8198 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(57, 153, 91) }
```


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

```
.border{ border-color:rgb(57, 153, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 153, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 153, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 153, 91);  
box-shadow:4px 4px 4px 4px rgb(57, 153,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9669, 24.4077, 13.8198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 153, 91) }
```

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

```
.background{ background-color: rgb(57, 153,  
91) }
```

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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