

Converting Colors

XYZ(14.9484, 25.2037, 11.7578)

Have a look what the booklet for
XYZ(14.9484, 25.2037, 11.7578)
contains.

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Color

**XYZ(14.9120, 25.1683,
11.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	379C50
RGB	55, 156, 80
RGB Percent	22%, 61%, 31%
CMY	0.7843, 0.3882, 0.6863
CMYK	0.65, 0.00, 0.49, 0.39
HSL	135°, 48%, 41%
HSV	135°, 65%, 61%
XYZ	14.9120, 25.1683, 11.6615
YIQ	117.1370, -35.8000, -45.0480

Conversions

Conversions Part 2

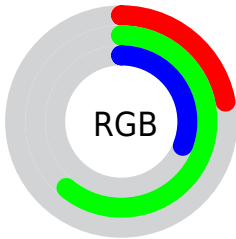
Format	Color
RYB	55, 136, 156
Decimal	3644496
CIELab	57.24, -46.01, 31.30
CIELCh	57, 55.647, 145.779
Yxy	25.1683, 0.2882, 0.4864
Android (android.graphics.Color)	4281834576 (0xFF379C50)
YUV	117.1370, -18.3085, -54.4941
Hunter-Lab	50.1680, -34.7365, 21.3357

Details

The XYZ color **14.9120, 25.1683, 11.6615** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **19.1740, 11.4395, 22.6710**, and the grayscale version is **17.0145, 17.9006, 19.4938**.

A 20% lighter version of the original color is **34.2011, 51.7379, 29.6566**, and **5.2110, 10.0049, 3.0230** is the 20% darker color. If you saturate the color by 10%, you get **13.7924, 24.6376, 9.5397**, and if you desaturate by 10%, it is **16.3788, 25.8706, 14.1963**.

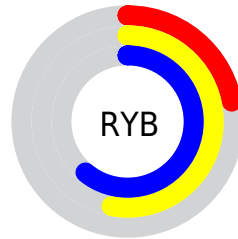
Distribution



Red (22%)

Green (61%)

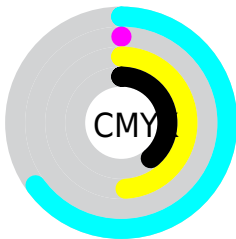
Blue (31%)



Red (22%)

Yellow (53%)

Blue (61%)

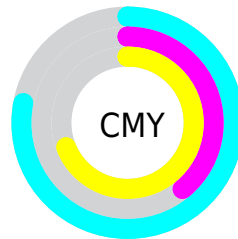


Cyan (65%)

Magenta (0%)

Yellow (49%)

Black (39%)



Cyan (78%)

Magenta (39%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9120, 25.1683, 11.6615 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 14.9120, 25.1683, 11.6615 by changing the saturation by 10% instead.

■ 14.9120, 25.1683,
11.6615

■ 14.9120, 25.1683,
11.6615

216.2319,
278.6751, 213.0490

■ 8.8436, 16.2025,
6.3939

■ 34.2717, 51.9301,
29.5322

■ 4.6956, 9.6676,
3.0134

■ 48.2936, 70.4949,
42.9724

■ 2.1027, 5.1791,
1.1015

■ 65.6974, 93.0282,
59.9738

■ 0.6907, 2.3527,
0.0000

■ 86.8484, 119.9143,
80.9551

■ 0.0000, 0.8014,
0.0000

■ 112.1120,
151.5376, 106.3347

■ 0.0000, 0.0000,
0.0000

141.8536,

188.2826, 136.5312

176.4384,
230.5336, 171.9631

■ 14.9120, 25.1683,
11.6615

■ 14.9120, 25.1683,
11.6615

■ 13.7924, 24.6376,
9.5397

■ 16.3788, 25.8706,
14.1963

■ 12.9876, 24.2603,
7.8072

■ 18.2177, 26.7548,
17.1627

■ 12.4611, 24.0186,
6.4404

■ 20.4532, 27.8339,
20.5802

■ 12.2488, 23.9218,
5.8580

■ 23.1073, 29.1189,
24.4668

■ 26.2003, 30.6199,
28.8392

■ 29.7513, 32.3462,
33.7136

■ 33.7779, 34.3069,
39.1051

■ 38.2972, 36.5102,
45.0284

■ 43.3251, 38.9642,
51.4976

Harmonies

Analogous

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



18.8310, 25.1683, 6.0137



14.9120, 25.1683, 11.6615



13.3935, 25.1683, 24.8231

Triad

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



14.9120, 25.1683, 11.6615



23.0027, 25.1683, 81.7412



37.2169, 25.1683, 14.4744

Complementary

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



14.9120, 25.1683, 11.6615



19.1740, 11.4395, 22.6710

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.



38.8856, 25.1683, 30.1579



14.9120, 25.1683, 11.6615



29.8560, 25.1683, 74.6866

Square

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



14.9120, 25.1683, 11.6615



17.4893, 25.1683, 69.6038



35.9808, 25.1683, 53.2457



31.7646, 25.1683, 7.0369

Rectangle

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



14.9120, 25.1683, 11.6615



13.6963, 25.1683, 38.4838



35.9808, 25.1683, 53.2457



38.2772, 25.1683, 18.6854

Sweetspot

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



14.9126, 25.1693, 11.6621



44.8815, 54.2995, 48.5874



22.1626, 28.9944, 8.0431



9.5515, 11.7909, 10.2314



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.9126, 25.1693, 11.6621



24.2805, 44.3852, 15.7298



17.4316, 26.1769, 24.9269



6.6147, 7.4267, 7.4059



10.1010, 19.7083, 4.8890



0.1958, 0.3585, 0.1676

Inverse Universe

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



19.1740, 11.4395, 22.6710



32.5920, 17.4076, 37.0553



16.5976, 10.4090, 9.1041



6.8339, 6.7265, 7.9766



13.9708, 6.8929, 14.6293



0.2653, 0.1295, 0.3434

Previews

White Background



This preview shows how the XYZ color 14.9120, 25.1683, 11.6615 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 14.9120, 25.1683, 11.6615 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 14.9120, 25.1683, 11.6615

Background



This preview shows how black text looks on a background with the XYZ color 14.9120, 25.1683, 11.6615.



This preview shows how white text looks on a background with the XYZ color 14.9120, 25.1683,

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

14.9120, 25.1683, 11.6615

Protanopia

22.7259, 24.8564, 9.9033

Deuteranopia

25.1794, 24.6365, 12.2323



Tritanopia

19.8336, 24.9903, 36.5792

Trichromacy



Original Color

14.9120, 25.1683, 11.6615



Protanomaly

18.3480, 24.1132, 10.5247



Deuteranomaly

19.2903, 23.4653, 11.9001



Tritanomaly

17.4614, 24.7265, 24.9715

Monochromacy



Original Color

14.9120, 25.1683, 11.6615



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

15.2311, 19.6118, 16.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9120, 25.1683, 11.6615 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(55, 156, 80)` looks like.

```
.text, #text, p{  
    color:rgb(55, 156, 80)  
}
```

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(55, 156, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 156, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.9120, 25.1683, 11.6615 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(55, 156, 80) }
```


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

```
.border{ border-color:rgb(55, 156, 80) }
```

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

Here you see how a box with a 4 pixel rgb(55, 156, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 156, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 156, 80);  
box-shadow:4px 4px 4px 4px rgb(55, 156,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9120, 25.1683, 11.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 156, 80) }
```

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

```
.background{ background-color: rgb(55, 156,  
80) }
```

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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