

Converting Colors

XYZ(14.4863, 25.9964, 12.1086)

Have a look what the booklet for
XYZ(14.4863, 25.9964, 12.1086)
contains.

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Color

**XYZ(14.4569, 25.9424,
12.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	19A051
RGB	25, 160, 81
RGB Percent	10%, 63%, 32%
CMY	0.9020, 0.3725, 0.6823
CMYK	0.84, 0.00, 0.49, 0.37
HSL	145°, 73%, 36%
HSV	145°, 84%, 63%
XYZ	14.4569, 25.9424, 12.0300
YIQ	110.6290, -55.1010, -53.1890

Conversions

Conversions Part 2

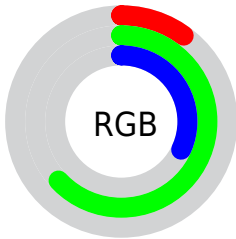
Format	Color
RYB	25, 120, 160
Decimal	1679441
CIELab	57.98, -51.99, 31.59
CIELCh	58, 60.832, 148.719
Yxy	25.9424, 0.2757, 0.4948
Android (android.graphics.Color)	4279869521 (0xFF19A051)
YUV	110.6290, -14.6071, -75.0966
Hunter-Lab	50.9337, -38.4689, 21.6499

Details

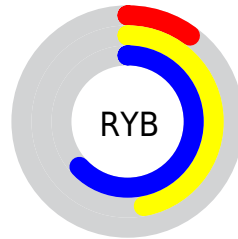
The XYZ color **14.4569, 25.9424, 12.0300** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **17.3443, 9.1687, 13.9529**, and the grayscale version is **15.0549, 15.8389, 17.2486**.

A 20% lighter version of the original color is **33.5446, 53.2645, 30.3429**, and **5.5322, 10.6252, 3.1981** is the 20% darker color. If you saturate the color by 10%, you get **13.8419, 25.6639, 10.2934**, and if you desaturate by 10%, it is **15.3469, 26.3585, 14.0334**.

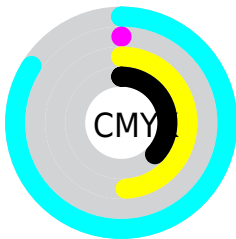
Distribution



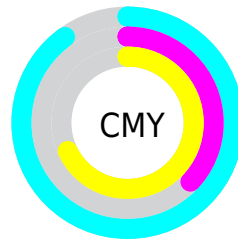
- Red (10%)
- Green (63%)
- Blue (32%)



- Red (10%)
- Yellow (47%)
- Blue (63%)



- Cyan (84%)
- Magenta (0%)
- Yellow (49%)
- Black (37%)



- Cyan (90%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4569, 25.9424, 12.0300 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 14.4569, 25.9424, 12.0300 by changing the saturation by 10% instead.

■ 14.4569, 25.9424,
12.0300

■ 14.4569, 25.9424,
12.0300

213.5092,
282.4992, 215.5888

■ 8.5229, 16.7806,
6.6413

■ 33.4771, 53.1820,
30.2149

■ 4.4860, 10.0782,
3.1638

■ 47.2941, 72.0286,
43.8483

■ 1.9806, 5.4508,
1.1789

■ 64.4694, 94.8721,
61.0670

■ 0.6230, 2.5141,
0.0000

■ 85.3685, 122.0971,
82.2895

■ 0.0000, 0.8837,
0.0000

■ 110.3566,
154.0879, 107.9344

■ 0.0000, 0.0000,
0.0000

■ 139.7992,

191.2290, 138.4202

174.0616,
233.9046, 174.1655

■ 14.4569, 25.9424,
12.0300

■ 14.4569, 25.9424,
12.0300

■ 13.8419, 25.6639,
10.2934

■ 15.3469, 26.3585,
14.0334

■ 13.5657, 25.5404,
9.4267

■ 16.5459, 26.9274,
16.3132

■ 18.0844, 27.6653,
18.8806

■ 19.9885, 28.5855,
21.7456

■ 22.2817, 29.6998,
24.9175

■ 24.9853, 31.0192,
28.4055

■ 28.1192, 32.5536,
32.2180

■ 31.7018, 34.3125,
36.3634

■ 35.7506, 36.3046,
40.8497

Harmonies

Analogous

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



18.4794, 25.9424, 5.5615



14.4569, 25.9424, 12.0300



13.0693, 25.9424, 27.3528

Triad

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



14.4569, 25.9424, 12.0300



24.3433, 25.9424, 90.9758



39.2187, 25.9424, 12.9379

Complementary

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



14.4569, 25.9424, 12.0300



17.3443, 9.1687, 13.9529

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.



41.6268, 25.9424, 29.1602



14.4569, 25.9424, 12.0300



32.0786, 25.9424, 80.5791

Square

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



14.4569, 25.9424, 12.0300



18.0322, 25.9424, 78.7752



38.7903, 25.9424, 54.8564



32.7343, 25.9424, 5.8730

Rectangle

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



14.4569, 25.9424, 12.0300



13.5619, 25.9424, 43.3028



38.7903, 25.9424, 54.8564



40.5824, 25.9424, 17.1610

Sweetspot

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



14.4575, 25.9435, 12.0306



44.7827, 56.0354, 50.8438



18.6910, 28.2772, 5.3927



9.4552, 12.1105, 10.6847



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.4575, 25.9435, 12.0306



24.5346, 46.3339, 16.6110



18.1998, 27.4403, 31.7370



6.6591, 7.4444, 7.6397



10.5880, 19.9031, 7.4534



0.2099, 0.3641, 0.2415

Inverse Universe

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



17.3443, 9.1687, 13.9529



29.8581, 14.9840, 19.8488



15.2035, 8.3124, 2.6796



6.7876, 6.7080, 7.7328



12.8763, 6.4551, 8.8656



0.2510, 0.1237, 0.2678

Previews

White Background



This preview shows how the XYZ color 14.4569, 25.9424, 12.0300 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 14.4569, 25.9424, 12.0300 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 14.4569, 25.9424, 12.0300

Background



This preview shows how black text looks on a background with the XYZ color 14.4569, 25.9424, 12.0300.



This preview shows how white text looks on a background with the XYZ color 14.4569, 25.9424,

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

14.4569, 25.9424, 12.0300

Protanopia

23.2400, 25.3334, 9.9683

Deuteranopia

25.9491, 25.4226, 12.7719



Tritanopia

19.8574, 25.9014, 38.6032

Trichromacy



Original Color

14.4569, 25.9424, 12.0300



Protanomaly

17.5272, 24.1437, 10.5739



Deuteranomaly

18.3829, 23.6467, 12.1897



Tritanomaly

17.1046, 25.4828, 26.2075

Monochromacy



Original Color

14.4569, 25.9424, 12.0300



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

13.4588, 18.3261, 14.8845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4569, 25.9424, 12.0300 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(25, 160, 81)` looks like.

```
.text, #text, p{  
    color:rgb(25, 160, 81)  
}
```

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(25, 160, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 160, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.4569, 25.9424, 12.0300 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(25, 160, 81) }
```


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

```
.border{ border-color:rgb(25, 160, 81) }
```

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

Here you see how a box with a 4 pixel rgb(25, 160, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 160, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 160, 81);  
box-shadow:4px 4px 4px 4px rgb(25, 160,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4569, 25.9424, 12.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 160, 81) }
```

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

```
.background{ background-color: rgb(25, 160,  
81) }
```

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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