

Converting Colors

XYZ(26.2563, 29.9337, 14.4757)

Have a look what the booklet for
XYZ(26.2563, 29.9337, 14.4757)
contains.

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Color

**XYZ(26.2969, 30.0015,
14.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	99985C
RGB	153, 152, 92
RGB Percent	60%, 60%, 36%
CMY	0.4000, 0.4039, 0.6392
CMYK	0.00, 0.01, 0.40, 0.40
HSL	59°, 25%, 48%
HSV	59°, 40%, 60%
XYZ	26.2969, 30.0015, 14.5301
YIQ	145.4590, 19.8560, -18.4480

Conversions

Conversions Part 2

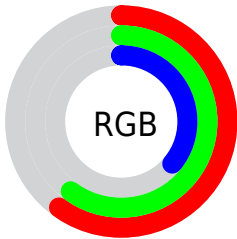
Format	Color
RYB	93, 153, 92
Decimal	10066012
CIELab	61.66, -8.92, 31.69
CIELCh	62, 32.916, 105.717
Yxy	30.0015, 0.3713, 0.4236
Android (android.graphics.Color)	4288256092 (0xFF99985C)
YUV	145.4590, -26.3553, 6.6135
Hunter-Lab	54.7736, -10.1557, 22.6134

Details

The XYZ color **26.2969, 30.0015, 14.5301** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0777, 12.4036, 31.7892**, and the grayscale version is **27.1996, 28.6161, 31.1629**.

A 20% lighter version of the original color is **53.0417, 59.5357, 34.6825**, and **10.4751, 12.2559, 4.1964** is the 20% darker color. If you saturate the color by 10%, you get **25.6543, 29.6807, 11.3429**, and if you desaturate by 10%, it is **27.0761, 30.3792, 18.4300**.

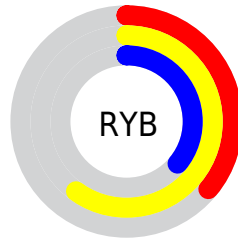
Distribution



Red (60%)

Green (60%)

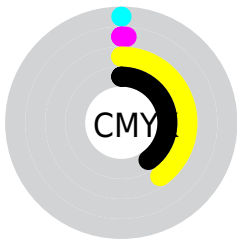
Blue (36%)



Red (36%)

Yellow (60%)

Blue (36%)

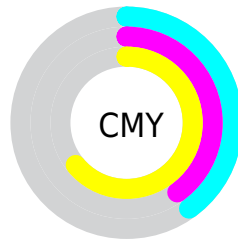


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2969, 30.0015, 14.5301 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 26.2969, 30.0015, 14.5301 by changing the saturation by 10% instead.

■ 26.2969, 30.0015,
14.5301

■ 26.2969, 30.0015,
14.5301

276.4666,
301.9114, 232.0461

■ 17.1797, 19.8397,
8.3473

■ 53.1814, 59.6646,
34.7573

■ 10.4588, 12.2786,
4.2270

■ 71.6795, 79.9346,
49.6387

■ 5.7688, 6.9337,
1.7507

■ 94.0352, 104.3429,
68.2569

■ 2.7443, 3.4207,
0.3951

■ 120.6140,
133.2738, 91.0302

■ 1.0200, 1.3551,
0.0000

151.7812,
167.1117, 118.3772

■ 0.0000, 0.1833,
0.0000

187.9021,

■ 0.0000, 0.0000,

206.2410, 150.7165

0.0000

229.3421,
251.0461, 188.4666

■ 26.2969, 30.0015,
14.5301

■ 26.2969, 30.0015,
14.5301

■ 25.6543, 29.6807,
11.3429

■ 27.0761, 30.3792,
18.4300

■ 25.1380, 29.4095,
8.8235

■ 27.9973, 30.8128,
23.0803

■ 24.7397, 29.1857,
6.9248


■ 29.0682, 31.3063,
28.5182


■ 24.4490, 29.0050,
5.5926


■ 30.2951, 31.8625,
34.7778


■ 24.2540, 28.8627,
4.7637


■ 31.6843, 32.4837,
41.8914


 24.1251, 28.7471,
4.2830

 33.2416, 33.1722,
49.8894

 24.1235, 28.7456,
4.2770

 34.9724, 33.9303,
58.8008

 36.8819, 34.7600,
68.6532

 38.9753, 35.6634,
79.4731

Harmonies

Analogous

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



30.6418, 30.0015, 14.4394



26.2969, 30.0015, 14.5301



22.9071, 30.0015, 18.5671

Triad

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



26.2969, 30.0015, 14.5301



23.0359, 30.0015, 53.1281



37.4695, 30.0015, 38.9784

Complementary

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



26.2969, 30.0015, 14.5301



14.0777, 12.4036, 31.7892

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.



34.9719, 30.0015, 52.5408



26.2969, 30.0015, 14.5301



26.4900, 30.0015, 62.0188

Square

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



26.2969, 30.0015, 14.5301



21.1599, 30.0015, 39.6371



30.8556, 30.0015, 61.7799



37.4042, 30.0015, 26.5652

Rectangle

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



26.2969, 30.0015, 14.5301



21.5142, 30.0015, 23.7264



30.8556, 30.0015, 61.7799



36.8916, 30.0015, 43.6101

Sweetspot

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



26.2976, 30.0029, 14.5307



51.5786, 55.8467, 48.6349



18.9408, 15.2176, 12.2992



11.3386, 12.3083, 10.4826



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.



26.2976, 30.0029, 14.5307



46.0402, 53.2039, 20.7877



21.5657, 27.8045, 14.3558



6.7003, 7.2056, 6.6435



19.9401, 23.7627, 3.5357



0.3005, 0.3600, 0.0536

Inverse Universe

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



14.0777, 12.4036, 31.7892



20.9902, 17.1283, 56.1718



17.5303, 14.0545, 31.9259



5.8922, 6.0417, 7.7846



4.7769, 1.9505, 25.0324



0.0733, 0.0329, 0.3749

Previews

White Background



This preview shows how the XYZ color 26.2969, 30.0015, 14.5301 looks on a white background.

Color Contrast Check

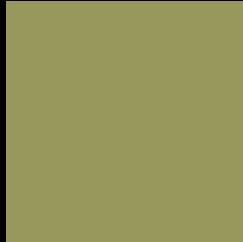
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2969, 30.0015, 14.5301 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 ✓ Pass

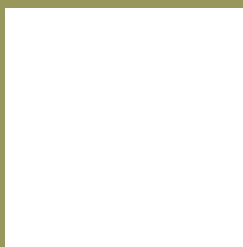
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2969, 30.0015, 14.5301

Background



This preview shows how black text looks on a background with the XYZ color 26.2969, 30.0015, 14.5301.



This preview shows how white text looks on a background with the XYZ color 26.2969, 30.0015,

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

26.2969, 30.0015, 14.5301

Protanopia

27.7400, 30.0368, 14.2331

Deuteranopia

30.5158, 29.8575, 14.7444



Tritanopia

30.4712, 29.8204, 35.6024

Trichromacy



Original Color

26.2969, 30.0015, 14.5301

Protanomaly

27.0927, 29.9390, 14.2484

Deuteranomaly

28.8322, 29.8941, 14.6064

Tritanomaly

28.5720, 29.7290, 26.4227

Monochromacy



Original Color

26.2969, 30.0015, 14.5301

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5685, 28.9821, 23.9324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2969, 30.0015, 14.5301 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(153, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(153, 152, 92)  
}
```

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(153, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 152, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.2969, 30.0015, 14.5301 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(153, 152, 92) }
```


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

```
.border{ border-color:rgb(153, 152, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 152, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(153, 152,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2969, 30.0015, 14.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 152, 92) }
```

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

```
.background{ background-color: rgb(153,  
152, 92) }
```

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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