

Converting Colors

XYZ(26.1439, 29.6493, 6.0471)

Have a look what the booklet for
XYZ(26.1439, 29.6493, 6.0471)
contains.

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Color

**XYZ(26.1251, 29.6214,
6.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	A29624
RGB	162, 150, 36
RGB Percent	64%, 59%, 14%
CMY	0.3647, 0.4117, 0.8588
CMYK	0.00, 0.07, 0.78, 0.36
HSL	54°, 64%, 39%
HSV	54°, 78%, 64%
XYZ	26.1251, 29.6214, 6.0096
YIQ	140.5920, 43.7460, -32.9100

Conversions

Conversions Part 2

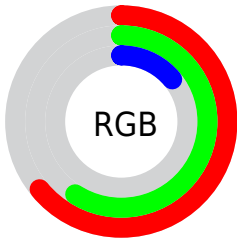
Format	Color
RYB	49, 162, 36
Decimal	10655268
CIELab	61.33, -8.21, 57.17
CIELCh	61, 57.759, 98.170
Yxy	29.6214, 0.4230, 0.4797
Android (android.graphics.Color)	4288845348 (0xFFA29624)
YUV	140.5920, -51.5639, 18.7748
Hunter-Lab	54.4255, -9.5620, 31.5512

Details

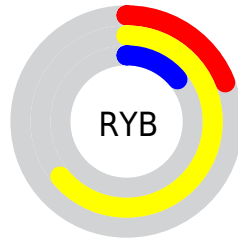
The XYZ color **26.1251, 29.6214, 6.0096** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.3062, 5.0977, 34.7285**, and the grayscale version is **25.3418, 26.6615, 29.0344**.

A 20% lighter version of the original color is **52.9964, 59.1567, 18.5227**, and **10.5010, 12.1785, 1.7972** is the 20% darker color. If you saturate the color by 10%, you get **25.6873, 29.0562, 4.9073**, and if you desaturate by 10%, it is **26.6795, 30.2407, 7.7039**.

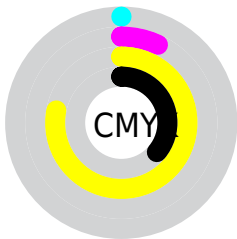
Distribution



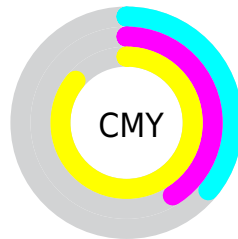
- Red (64%)
- Green (59%)
- Blue (14%)



- Red (19%)
- Yellow (64%)
- Blue (14%)



- Cyan (0%)
- Magenta (7%)
- Yellow (78%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1251, 29.6214, 6.0096 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 26.1251, 29.6214, 6.0096 by changing the saturation by 10% instead.

■ 26.1251, 29.6214,
6.0096

■ 26.1251, 29.6214,
6.0096

275.6411,
300.1357, 168.4659

■ 17.0504, 19.5514,
2.7820

■ 52.9066, 59.0629,
18.4288

■ 10.3660, 12.0694,
0.9844

■ 71.3440, 79.2032,
28.4576

■ 5.7064, 6.7909,
0.0000

■ 93.6332, 103.4691,
41.5905

■ 2.7063, 3.3317,
0.0000

■ 120.1393,
132.2449, 58.2460

■ 1.0004, 1.3073,
0.0000

■ 151.2278,
165.9151, 78.8428

■ 0.0000, 0.1468,
0.0000

■ 187.2641,

■ 0.0000, 0.0000,

204.8641, 103.7993

0.0000

228.6134,
249.4761, 133.5342

■ 26.1251, 29.6214,
6.0096

■ 26.1251, 29.6214,
6.0096

■ 25.6873, 29.0562,
4.9073

■ 26.6795, 30.2407,
7.7039

■ 25.3412, 28.5317,
4.2750

■ 27.3618, 30.9153,
10.0589

■ 25.2682, 28.4173,
4.1533

■ 28.1843, 31.6511,
13.1359

■ 29.1573, 32.4524,
16.9888

■ 30.2898, 33.3227,
21.6664

■ 31.5906, 34.2657,
27.2132

■ 33.0675, 35.2843,
33.6709

■ 34.7277, 36.3817,
41.0783

■ 36.5785, 37.5606,
49.4719

Harmonies

Analogous

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



33.9554, 29.6214, 6.8914



26.1251, 29.6214, 6.0096



20.0429, 29.6214, 9.2472

Triad

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



26.1251, 29.6214, 6.0096



18.1435, 29.6214, 65.7129



44.0444, 29.6214, 50.4867

Complementary

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



26.1251, 29.6214, 6.0096



8.3062, 5.0977, 34.7285

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.



38.2030, 29.6214, 77.7079



26.1251, 29.6214, 6.0096



23.0546, 29.6214, 88.9127

Square

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



26.1251, 29.6214, 6.0096



16.0091, 29.6214, 38.5837



30.2858, 29.6214, 94.0836



45.2699, 29.6214, 26.6550

Rectangle

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



26.1251, 29.6214, 6.0096



17.4597, 29.6214, 14.8112



30.2858, 29.6214, 94.0836



42.5107, 29.6214, 59.7972

Sweetspot

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



26.1258, 29.6228, 6.0102



55.9753, 61.2215, 43.5032



16.0773, 9.1618, 3.7831



12.3940, 13.6194, 9.0175



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.1258, 29.6228, 6.0102



46.1856, 52.0792, 8.0631



19.8703, 29.3867, 6.2943



7.5915, 8.1215, 7.5476



19.9240, 22.4220, 3.2778



0.4342, 0.5022, 0.0741

Inverse Universe

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



8.3062, 5.0977, 34.7285



12.5930, 5.9546, 62.5418



11.0275, 5.8682, 34.7338



6.7522, 6.9634, 8.8913



5.2927, 2.3649, 27.1073



0.1264, 0.0801, 0.5746

Previews

White Background



This preview shows how the XYZ color 26.1251, 29.6214, 6.0096 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 26.1251, 29.6214, 6.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

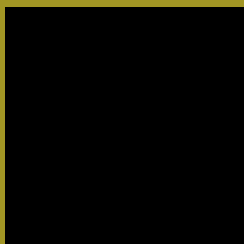
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1251, 29.6214, 6.0096

Background



This preview shows how black text looks on a background with the XYZ color 26.1251, 29.6214, 6.0096.



This preview shows how white text looks on a background with the XYZ color 26.1251, 29.6214,

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

26.1251, 29.6214, 6.0096

Protanopia

26.6342, 29.4142, 5.9428

Deuteranopia

30.1576, 29.6421, 6.1395



Tritanopia

31.7586, 29.6485, 33.3270

Trichromacy



Original Color

26.1251, 29.6214, 6.0096

Protanomaly

26.5829, 29.6216, 5.9855

Deuteranomaly

28.4709, 29.4401, 6.1014

Tritanomaly

28.8820, 29.3755, 18.6158

Monochromacy



Original Color

26.1251, 29.6214, 6.0096

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8159, 27.3154, 16.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1251, 29.6214, 6.0096 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(162, 150, 36)` looks like.

```
.text, #text, p{  
    color:rgb(162, 150, 36)  
}
```

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(162, 150, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 150, 36) }
```

Border

The CSS property to change the border of an element to XYZ 26.1251, 29.6214, 6.0096 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(162, 150, 36) }
```


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

```
.border{ border-color:rgb(162, 150, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 150, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 150, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 150, 36);  
box-shadow:4px 4px 4px 4px rgb(162, 150,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1251, 29.6214, 6.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 150, 36) }
```

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

```
.background{ background-color: rgb(162,  
150, 36) }
```

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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