

Converting Colors

XYZ(26.1162, 29.8071, 13.4687)

Have a look what the booklet for
XYZ(26.1162, 29.8071, 13.4687)
contains.

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Color

**XYZ(26.1133, 29.6914,
13.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9757
RGB	154, 151, 87
RGB Percent	60%, 59%, 34%
CMY	0.3961, 0.4078, 0.6588
CMYK	0.00, 0.02, 0.44, 0.40
HSL	57°, 28%, 47%
HSV	57°, 44%, 60%
XYZ	26.1133, 29.6914, 13.3715
YIQ	144.6010, 22.3320, -19.2680

Conversions

Conversions Part 2

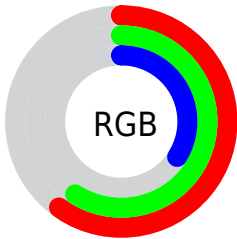
Format	Color
R_{YB}	90, 154, 87
Decimal	10131287
CIE _{Lab}	61.39, -8.52, 34.01
CIE _{LCh}	61, 35.065, 104.061
Yxy	29.6914, 0.3775, 0.4292
Android (android.graphics.Color)	4288321367 (0xFF9A9757)
YUV	144.6010, -28.3973, 8.2429
Hunter-Lab	54.4898, -9.8141, 23.5934

Details

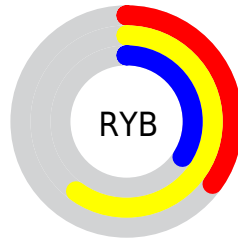
The XYZ color **26.1133, 29.6914, 13.3715** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.4192, 11.6712, 32.1171**, and the grayscale version is **26.8575, 28.2562, 30.7710**.

A 20% lighter version of the original color is **52.9971, 59.1993, 32.6781**, and **10.2902, 12.0275, 3.6986** is the 20% darker color. If you saturate the color by 10%, you get **25.4399, 29.2463, 10.3673**, and if you desaturate by 10%, it is **26.9230, 30.1942, 17.0841**.

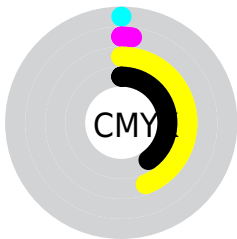
Distribution



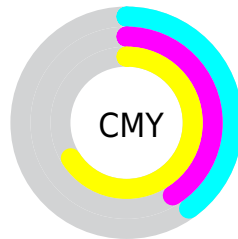
- Red (60%)
- Green (59%)
- Blue (34%)



- Red (35%)
- Yellow (60%)
- Blue (34%)



- Cyan (0%)
- Magenta (2%)
- Yellow (44%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1133, 29.6914, 13.3715 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 26.1133, 29.6914, 13.3715 by changing the saturation by 10% instead.

■ 26.1133, 29.6914,
13.3715

■ 26.1133, 29.6914,
13.3715

275.5843,
300.4633, 224.5758

■ 17.0415, 19.6045,
7.5511

■ 52.8877, 59.1738,
32.6705

■ 10.3596, 12.1079,
3.7255

■ 71.3210, 79.3381,
46.9863

■ 5.7021, 6.8172,
1.4760

■ 93.6056, 103.6302,
64.9709

■ 2.7037, 3.3480,
0.1999

■ 120.1067,
132.4347, 87.0429

■ 0.9991, 1.3160,
0.0000

■ 151.1898,
166.1358, 113.6208

■ 0.0000, 0.1536,
0.0000

187.2202,

■ 0.0000, 0.0000,

205.1181, 145.1233

0.0000

228.5633,
249.7658, 181.9688

■ 26.1133, 29.6914,
13.3715

■ 26.1133, 29.6914,
13.3715

■ 25.4399, 29.2463,
10.3673

■ 26.9230, 30.1942,
17.0841

■ 24.8921, 28.8515,
8.0243

■ 27.8748, 30.7537,
21.5447

■ 24.4609, 28.5043,
6.2924

■ 28.9766, 31.3743,
26.7920

■ 24.1354, 28.2004,
5.1138

■ 30.2351, 32.0587,
32.8617

■ 23.9025, 27.9346,
4.4193

■ 31.6568, 32.8093,
39.7870

■ 23.7779, 27.7732,
4.1075

■ 33.2475, 33.6286,
47.5997

■ 35.0131, 34.5189,
56.3295

■ 36.9589, 35.4823,
66.0052

■ 39.0901, 36.5210,
76.6540

Harmonies

Analogous

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



30.7361, 29.6914, 13.4919



26.1133, 29.6914, 13.3715



22.4730, 29.6914, 17.2540

Triad

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



26.1133, 29.6914, 13.3715



22.2963, 29.6914, 53.4910



37.6727, 29.6914, 39.8458

Complementary

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



26.1133, 29.6914, 13.3715



13.4192, 11.6712, 32.1171

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.



34.8734, 29.6914, 54.3218



26.1133, 29.6914, 13.3715



25.8466, 29.6914, 63.5526

Square

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



26.1133, 29.6914, 13.3715



20.4380, 29.6914, 38.9252



30.4387, 29.6914, 63.8926



37.7643, 29.6914, 26.5234

Rectangle

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



26.1133, 29.6914, 13.3715



20.9502, 29.6914, 22.4123



30.4387, 29.6914, 63.8926



37.0045, 29.6914, 44.8088

Sweetspot

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



26.1140, 29.6928, 13.3721



52.6911, 57.0234, 48.9217



18.5951, 14.4308, 11.5569



11.8263, 12.8515, 10.5939



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.



26.1140, 29.6928, 13.3721



46.2654, 53.1641, 19.0583



21.5665, 28.0732, 13.2992



6.6852, 7.1756, 6.6385



19.3797, 22.6419, 3.3489



0.2960, 0.3510, 0.0522

Inverse Universe

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



13.4192, 11.6712, 32.1171



20.1836, 16.1441, 57.5886



16.5974, 12.9421, 32.1949



5.9055, 6.0684, 7.7890



4.8201, 2.0369, 25.0468



0.0772, 0.0408, 0.3762

Previews

White Background



This preview shows how the XYZ color 26.1133, 29.6914, 13.3715 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 26.1133, 29.6914, 13.3715 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 26.1133, 29.6914, 13.3715

Background



This preview shows how black text looks on a background with the XYZ color 26.1133, 29.6914, 13.3715.



This preview shows how white text looks on a background with the XYZ color 26.1133, 29.6914,

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

26.1133, 29.6914, 13.3715

Protanopia

27.1699, 29.5331, 13.0725

Deuteranopia

30.1504, 29.4743, 13.5512



Tritanopia

30.3531, 29.5551, 34.6768

Trichromacy



Original Color

26.1133, 29.6914, 13.3715

Protanomaly

26.7252, 29.5377, 13.0969

Deuteranomaly

28.6814, 29.6133, 13.4368

Tritanomaly

28.4087, 29.4386, 25.3040

Monochromacy



Original Color

26.1133, 29.6914, 13.3715

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2846, 28.6186, 23.2074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1133, 29.6914, 13.3715 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(154, 151, 87)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 87)  
}
```

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(154, 151, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.1133, 29.6914, 13.3715 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(154, 151, 87) }
```


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

```
.border{ border-color:rgb(154, 151, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 87);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1133, 29.6914, 13.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 87) }
```

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

```
.background{ background-color: rgb(154,  
151, 87) }
```

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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