

Converting Colors

XYZ(26.7533, 28.6519, 19.3560)

Have a look what the booklet for
XYZ(26.7533, 28.6519, 19.3560)
contains.

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Color

**XYZ(26.7211, 28.6962,
19.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9270
RGB	155, 146, 112
RGB Percent	61%, 57%, 44%
CMY	0.3922, 0.4274, 0.5608
CMYK	0.00, 0.06, 0.28, 0.39
HSL	47°, 18%, 52%
HSV	47°, 28%, 61%
XYZ	26.7211, 28.6962, 19.4598
YIQ	144.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

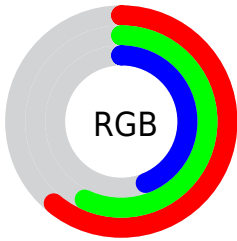
Format	Color
RYB	123, 155, 112
Decimal	10195568
CIELab	60.51, -2.25, 19.26
CIElCh	61, 19.392, 96.655
Yxy	28.6962, 0.3569, 0.3832
Android (android.graphics.Color)	4288385648 (0xFF9B9270)
YUV	144.8150, -16.1778, 8.9322
Hunter-Lab	53.5688, -4.7064, 15.9601

Details

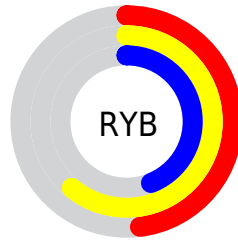
The XYZ color **26.7211, 28.6962, 19.4598** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4358, 19.4855, 33.7472**, and the grayscale version is **26.8981, 28.2989, 30.8175**.

A 20% lighter version of the original color is **53.9335, 57.6905, 43.4147**, and **10.7018, 11.6195, 6.5292** is the 20% darker color. If you saturate the color by 10%, you get **25.4387, 27.3957, 15.1349**, and if you desaturate by 10%, it is **28.1677, 30.0871, 24.5732**.

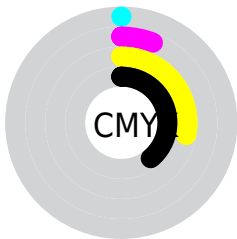
Distribution



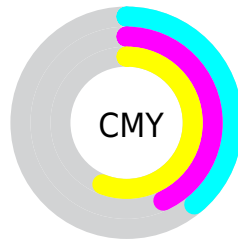
- Red (61%)
- Green (57%)
- Blue (44%)



- Red (48%)
- Yellow (61%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7211, 28.6962, 19.4598 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 26.7211, 28.6962, 19.4598 by changing the saturation by 10% instead.

■ 26.7211, 28.6962,
19.4598

■ 26.7211, 28.6962,
19.4598

278.4964,
295.7788, 261.4823

■ 17.4994, 18.8511,
11.8228

■ 53.8591, 57.5941,
43.3566

■ 10.6887, 11.5628,
6.5021

■ 72.5060, 77.4156,
60.4535

■ 5.9236, 6.4467,
3.0790

■ 95.0254, 101.3315,
81.5409

■ 2.8389, 3.1186,
1.1351

■ 121.7826,
129.7260, 107.0371

■ 1.0692, 1.1939,
0.0000

153.1429,
162.9836, 137.3608

■ 0.0000, 0.0567,
0.0000

189.4718,

■ 0.0000, 0.0000,

201.4887, 172.9306

0.0000

231.1345,
245.6256, 214.1649

■ 26.7211, 28.6962,
19.4598

■ 26.7211, 28.6962,
19.4598

■ 25.4387, 27.3957,
15.1349

■ 28.1677, 30.0871,
24.5732

■ 24.3107, 26.1784,
11.5565

■ 29.7836, 31.5676,
30.5106

■ 23.3293, 25.0421,
8.6815

■ 31.5761, 33.1419,
37.3073

■ 22.4853, 23.9828,
6.4618

■ 33.5517, 34.8126,
44.9963

■ 21.7683, 22.9963,
4.8430

■ 35.7163, 36.5823,
53.6086

■ 21.1661, 22.0775,
3.7620

■ 38.0758, 38.4535,
63.1740

■ 20.6575, 21.2177,
3.1072

■ 40.6355, 40.4286,
73.7207

■ 20.5475, 21.0284,
2.9759

■ 43.4007, 42.5098,
85.2758

■ 46.3764, 44.6993,
97.8654

Harmonies

Analogous

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



29.2263, 28.6962, 20.2246



26.7211, 28.6962, 19.4598



24.5022, 28.6962, 21.4432

Triad

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



26.7211, 28.6962, 19.4598



23.5942, 28.6962, 40.2146



31.9352, 28.6962, 37.0300

Complementary

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



26.7211, 28.6962, 19.4598



19.4358, 19.4855, 33.7472

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.



30.2492, 28.6962, 43.6548



26.7211, 28.6962, 19.4598



25.4123, 28.6962, 45.6810

Square

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



26.7211, 28.6962, 19.4598



22.7696, 28.6962, 32.8695



27.8363, 28.6962, 47.0276



32.3384, 28.6962, 29.6755

Rectangle

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



26.7211, 28.6962, 19.4598



23.4498, 28.6962, 24.2665



27.8363, 28.6962, 47.0276



31.4949, 28.6962, 39.4482

Sweetspot

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



26.7218, 28.6975, 19.4604



53.2128, 56.4208, 54.1697



22.7827, 19.9455, 20.8406



11.9468, 12.6826, 11.8978



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.



26.7218, 28.6975, 19.4604



46.4651, 49.9992, 30.1130



25.9422, 30.4360, 19.8371



6.5992, 7.0034, 6.6098



16.5317, 16.9458, 2.3995



0.2718, 0.3026, 0.0441

Inverse Universe

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



19.4358, 19.4855, 33.7472



31.3112, 30.8438, 59.8395



20.0496, 18.2540, 33.4771



5.9840, 6.2254, 7.8152



5.1999, 2.7965, 25.1734



0.1000, 0.0863, 0.3838

Previews

White Background



This preview shows how the XYZ color 26.7211, 28.6962, 19.4598 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 26.7211, 28.6962, 19.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

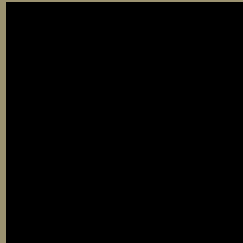
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7211, 28.6962, 19.4598

Background



This preview shows how black text looks on a background with the XYZ color 26.7211, 28.6962, 19.4598.



This preview shows how white text looks on a background with the XYZ color 26.7211, 28.6962,

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

26.7211, 28.6962, 19.4598

Protanopia

26.9138, 28.7955, 19.4688

Deuteranopia

29.1533, 28.6063, 19.6078



Tritanopia

29.6896, 28.7903, 33.6980

Trichromacy



Original Color

26.7211, 28.6962, 19.4598

Protanomaly

26.9138, 28.7955, 19.4688

Deuteranomaly

28.1707, 28.5376, 19.6463

Tritanomaly

28.4384, 28.7202, 27.7116

Monochromacy



Original Color

26.7211, 28.6962, 19.4598

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7535, 28.3338, 26.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7211, 28.6962, 19.4598 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(155, 146, 112)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 112)  
}
```

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(155, 146, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.7211, 28.6962, 19.4598 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(155, 146, 112) }
```


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

```
.border{ border-color:rgb(155, 146, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 112);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7211, 28.6962, 19.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 112) }
```

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

```
.background{ background-color: rgb(155,  
146, 112) }
```

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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