

Converting Colors

XYZ(26.9154, 25.1650, 6.8201)

Have a look what the booklet for
XYZ(26.9154, 25.1650, 6.8201)
contains.

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Color

**XYZ(26.9522, 25.2791,
6.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	B38035
RGB	179, 128, 53
RGB Percent	70%, 50%, 21%
CMY	0.2980, 0.4980, 0.7921
CMYK	0.00, 0.28, 0.70, 0.30
HSL	36°, 54%, 45%
HSV	36°, 70%, 70%
XYZ	26.9522, 25.2791, 6.8270
YIQ	134.6990, 54.4710, -12.5130

Conversions

Conversions Part 2

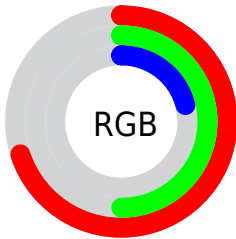
Format	Color
RYB	139, 179, 53
Decimal	11763765
CIELab	57.35, 12.34, 47.00
CIELCh	57, 48.598, 75.288
Yxy	25.2791, 0.4564, 0.4280
Android (android.graphics.Color)	4289953845 (0xFFB38035)
YUV	134.6990, -40.2776, 38.8520
Hunter-Lab	50.2783, 7.6996, 27.1442

Details

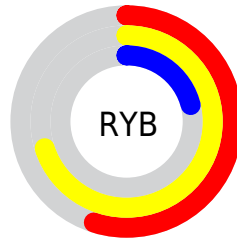
The XYZ color **26.9522, 25.2791, 6.8270** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **14.5550, 13.9116, 44.5657**, and the grayscale version is **23.0485, 24.2488, 26.4070**.

A 20% lighter version of the original color is **54.2320, 52.2042, 20.0500**, and **10.8220, 9.7295, 1.3076** is the 20% darker color. If you saturate the color by 10%, you get **25.7035, 23.3222, 4.7450**, and if you desaturate by 10%, it is **28.4233, 27.4350, 9.7422**.

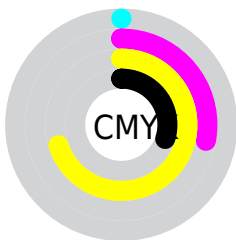
Distribution



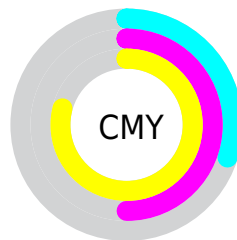
- Red (70%)
- Green (50%)
- Blue (21%)



- Red (55%)
- Yellow (70%)
- Blue (21%)



- Cyan (0%)
- Magenta (28%)
- Yellow (70%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9522, 25.2791, 6.8270 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 26.9522, 25.2791, 6.8270 by changing the saturation by 10% instead.


 26.9522, 25.2791,
6.8270


 26.9522, 25.2791,
6.8270


279.5974,
279.2250, 175.7944


 17.6737, 16.2851,
3.2773


 54.2276, 52.1096,
20.1312


 10.8143, 9.7261,
1.2379


 72.9552, 70.7150,
30.7229

 6.0084, 5.2178,
0.0101


 95.5633, 93.2929,
44.4990

 2.8909, 2.3756,
0.0000

 122.4171,
120.2278, 61.8780

 1.0963, 0.8133,
0.0000

 153.8821,
151.9041, 83.2785

 0.0221, 0.0000,
0.0000

 190.3235,

 0.0000, 0.0000,

188.7061, 109.1190

0.0000

232.1069,
231.0183, 139.8182

■ 26.9522, 25.2791,
6.8270

■ 26.9522, 25.2791,
6.8270

■ 25.7035, 23.3222,
4.7450

■ 28.4233, 27.4350,
9.7422

■ 24.6559, 21.5504,
3.3988

■ 30.1319, 29.7950,
13.5706

■ 23.8016, 20.0062,
2.6071

■ 32.0932, 32.3684,
18.3842

■ 34.3208, 35.1625,
24.2472

■ 36.8269, 38.1844,
31.2187

■ 39.6231, 41.4405,
39.3529

■ 42.7200, 44.9371,
48.7008

■ 46.1280, 48.6801,
59.3102

■ 49.8566, 52.6752,
71.2263

Harmonies

Analogous

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



32.6958, 25.2791, 10.5717



26.9522, 25.2791, 6.8270



21.2223, 25.2791, 6.8597

Triad

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



26.9522, 25.2791, 6.8270



14.8454, 25.2791, 36.7682



32.7927, 25.2791, 56.4300

Complementary

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



26.9522, 25.2791, 6.8270



14.5550, 13.9116, 44.5657

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.



27.0686, 25.2791, 70.8835



26.9522, 25.2791, 6.8270



17.0443, 25.2791, 56.7951

Square

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



26.9522, 25.2791, 6.8270



14.8245, 25.2791, 20.2268



21.3215, 25.2791, 71.0388



36.4163, 25.2791, 36.3955

Rectangle

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



26.9522, 25.2791, 6.8270



18.1777, 25.2791, 8.8980



21.3215, 25.2791, 71.0388



31.0132, 25.2791, 62.4014

Sweetspot

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



26.9528, 25.2804, 6.8275



65.5009, 67.8472, 54.6179



22.4392, 13.1603, 14.8576



14.2325, 14.6981, 11.3140



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.9528, 25.2804, 6.8275



45.0483, 40.1333, 7.1330



33.0177, 40.8769, 9.5183



8.9028, 9.3181, 8.9819



16.8845, 14.2676, 1.8640



0.5867, 0.5598, 0.0771

Inverse Universe

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



14.5550, 13.9116, 44.5657



21.5877, 18.7197, 78.8567



11.4920, 6.8745, 43.3688



8.3149, 8.7760, 10.7620



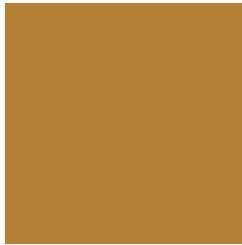
7.4682, 5.7368, 30.8507



0.2929, 0.2964, 0.9900

Previews

White Background



This preview shows how the XYZ color 26.9522, 25.2791, 6.8270 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 26.9522, 25.2791, 6.8270 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 26.9522, 25.2791, 6.8270

Background



This preview shows how black text looks on a background with the XYZ color 26.9522, 25.2791, 6.8270.



This preview shows how white text looks on a background with the XYZ color 26.9522, 25.2791,

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

26.9522, 25.2791, 6.8270

Protanopia

23.1287, 25.3325, 7.4120

Deuteranopia

25.7494, 25.2512, 6.7656



Tritanopia

30.4461, 25.2083, 24.0299

Trichromacy



Original Color

26.9522, 25.2791, 6.8270

Protanomaly

24.3189, 25.1126, 7.1799

Deuteranomaly

26.2817, 25.3272, 6.7522

Tritanomaly

28.7233, 25.0506, 15.6333

Monochromacy



Original Color

26.9522, 25.2791, 6.8270

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5636, 24.1018, 16.7748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9522, 25.2791, 6.8270 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(179, 128, 53)` looks like.

```
.text, #text, p{  
    color:rgb(179, 128, 53)  
}
```

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(179, 128, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 128, 53) }
```

Border

The CSS property to change the border of an element to XYZ 26.9522, 25.2791, 6.8270 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(179, 128, 53) }
```


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

```
.border{ border-color:rgb(179, 128, 53) }
```

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

Here you see how a box with a 4 pixel rgb(179, 128, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 128, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 128, 53);  
box-shadow:4px 4px 4px 4px rgb(179, 128,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9522, 25.2791, 6.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 128, 53) }
```

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

```
.background{ background-color: rgb(179,  
128, 53) }
```

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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