

Converting Colors

XYZ(29.9209, 26.2562, 5.5705)

Have a look what the booklet for
XYZ(29.9209, 26.2562, 5.5705)
contains.

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Color

**XYZ(29.9820, 26.2967,
5.5934)**

Conversions

Conversions Part 1

Format	Color
Hex	C27D29
RGB	194, 125, 41
RGB Percent	76%, 49%, 16%
CMY	0.2392, 0.5098, 0.8392
CMYK	0.00, 0.36, 0.79, 0.24
HSL	33°, 65%, 46%
HSV	33°, 79%, 76%
XYZ	29.9820, 26.2967, 5.5934
YIQ	136.0550, 68.0880, -11.4960

Conversions

Conversions Part 2

Format	Color
RYB	167, 194, 41
Decimal	12746025
CIELab	58.32, 20.03, 53.79
CIElCh	58, 57.394, 69.575
Yxy	26.2967, 0.4846, 0.4250
Android (android.graphics.Color)	4290936105 (0xFFC27D29)
YUV	136.0550, -46.8621, 50.8178
Hunter-Lab	51.2803, 14.6229, 29.4292

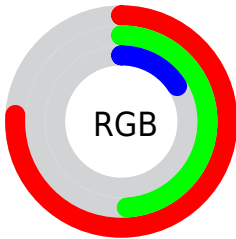
Details

The XYZ color **29.9820, 26.2967, 5.5934** is a dark color, and the websafe version is hex **996600**.

The color can be described as dark muted orange. A complement of this color would be **16.2277, 15.5176, 53.1784**, and the grayscale version is **23.5753, 24.8031, 27.0106**.

A 20% lighter version of the original color is **59.1362, 53.8911, 17.6411**, and **12.5761, 10.3198, 1.3291** is the 20% darker color. If you saturate the color by 10%, you get **28.6641, 24.0759, 3.8755**, and if you desaturate by 10%, it is **31.5654, 28.7821, 8.2229**.

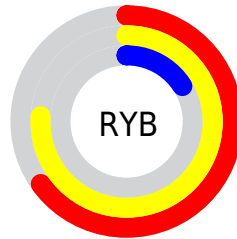
Distribution



Red (76%)

Green (49%)

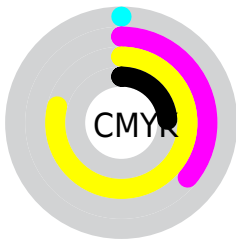
Blue (16%)



Red (65%)

Yellow (76%)

Blue (16%)

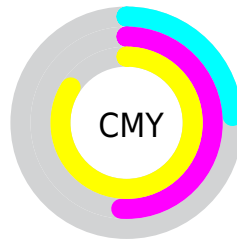


Cyan (0%)

Magenta (36%)

Yellow (79%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9820, 26.2967, 5.5934 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 29.9820, 26.2967, 5.5934 by changing the saturation by 10% instead.

■ 29.9820, 26.2967,
5.5934

■ 29.9820, 26.2967,
5.5934

293.7319,
284.2355, 164.5634

■ 19.9729, 17.0457,
2.5347

■ 59.0205, 53.7532,
17.5438

■ 12.4835, 10.2671,
0.8585

■ 78.7807, 72.7275,
27.2726

■ 7.1484, 5.5764,
0.0000

■ 102.5220, 95.7118,
40.0618

■ 3.6022, 2.5893,
0.0000

■ 130.6097,
123.0903, 56.3300

■ 1.4797, 0.9213,
0.0000

■ 163.4091,
155.2476, 76.4957

■ 0.3119, 0.0000,
0.0000

■ 201.2858,

■ 0.0000, 0.0000,

192.5680, 100.9775

0.0000

244.6049,
235.4358, 130.1939

■ 29.9820, 26.2967,
5.5934

■ 29.9820, 26.2967,
5.5934

■ 28.6641, 24.0759,
3.8755

■ 31.5654, 28.7821,
8.2229

■ 27.5709, 22.0959,
2.8751

■ 33.4366, 31.5414,
11.8771

■ 27.4553, 21.8839,
2.7770

■ 35.6168, 34.5881,
16.6543

■ 38.1246, 37.9330,
22.6404

■ 40.9767, 41.5865,
29.9131

■ 44.1885, 45.5580,
38.5434

■ 47.7746, 49.8566,
48.5972

■ 51.7484, 54.4910,
60.1359

■ 56.1227, 59.4694,
73.2174

Harmonies

Analogous

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



36.8455, 26.2967, 10.4499



29.9820, 26.2967, 5.5934



22.8255, 26.2967, 4.9831

Triad

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



29.9820, 26.2967, 5.5934



13.9494, 26.2967, 35.5211



34.5674, 26.2967, 69.7074

Complementary

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



29.9820, 26.2967, 5.5934



16.2277, 15.5176, 53.1784

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.



27.2961, 26.2967, 85.7972



29.9820, 26.2967, 5.5934



16.0031, 26.2967, 60.8054

Square

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



29.9820, 26.2967, 5.5934



14.3998, 26.2967, 17.1947



20.5928, 26.2967, 81.9426



39.8165, 26.2967, 44.2685

Rectangle

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



29.9820, 26.2967, 5.5934



18.9325, 26.2967, 6.5129



20.5928, 26.2967, 81.9426



32.2287, 26.2967, 76.8245

Sweetspot

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



29.9826, 26.2981, 5.5939



76.7670, 78.4988, 60.8948



25.9880, 14.2341, 16.8244



16.3604, 16.6286, 12.1378



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.9826, 26.2981, 5.5939



50.3970, 40.8452, 5.5958



40.6532, 49.5493, 9.5194



10.5213, 10.9740, 10.6255



18.1341, 14.5539, 1.8534



0.8516, 0.7650, 0.1028

Inverse Universe

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



16.2277, 15.5176, 53.1784



24.6123, 20.7591, 95.1795



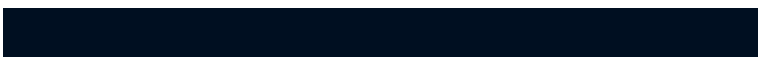
11.6619, 6.0643, 51.5944



9.8940, 10.4792, 12.7861



8.7484, 7.2534, 34.4956



0.4467, 0.4509, 1.5134

Previews

White Background



This preview shows how the XYZ color 29.9820, 26.2967, 5.5934 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 29.9820, 26.2967, 5.5934 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 29.9820, 26.2967, 5.5934

Background



This preview shows how black text looks on a background with the XYZ color 29.9820, 26.2967, 5.5934.



This preview shows how white text looks on a background with the XYZ color 29.9820, 26.2967,

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

29.9820, 26.2967, 5.5934

Protanopia

23.9032, 26.4073, 6.3199

Deuteranopia

26.8688, 26.2621, 5.4867



Tritanopia

33.6804, 26.3711, 23.0536

Trichromacy



Original Color

29.9820, 26.2967, 5.5934

Protanomaly

25.6962, 26.0558, 6.0578

Deuteranomaly

27.8773, 26.1790, 5.5032

Tritanomaly

31.8080, 26.1295, 14.1935

Monochromacy



Original Color

29.9820, 26.2967, 5.5934

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5049, 24.6102, 15.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9820, 26.2967, 5.5934 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(194, 125, 41)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 41)  
}
```

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(194, 125, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 41) }
```

Border

The CSS property to change the border of an element to XYZ 29.9820, 26.2967, 5.5934 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(194, 125, 41) }
```


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

```
.border{ border-color:rgb(194, 125, 41) }
```

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

Here you see how a box with a 4 pixel rgb(194, 125, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 41);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9820, 26.2967, 5.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 41) }
```

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

```
.background{ background-color: rgb(194,  
125, 41) }
```

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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