

Converting Colors

XYZ(29.2716, 26.1641, 4.5021)

Have a look what the booklet for
XYZ(29.2716, 26.1641, 4.5021)
contains.

XYZ(29.1332, 26.0727, 4.4743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.1332, 26.0727,
4.4743)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7E1A
RGB	191, 126, 26
RGB Percent	75%, 49%, 10%
CMY	0.2510, 0.5059, 0.8980
CMYK	0.00, 0.34, 0.86, 0.25
HSL	36°, 76%, 43%
HSV	36°, 86%, 75%
XYZ	29.1332, 26.0727, 4.4743
YIQ	134.0350, 70.8400, -17.3200

Conversions

Conversions Part 2

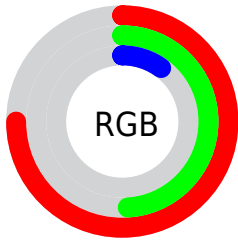
Format	Color
R_{YB}	133, 191, 26
Decimal	12549658
CIE _{Lab}	58.11, 17.70, 58.75
CIE _{LCh}	58, 61.361, 73.235
Yxy	26.0727, 0.4882, 0.4369
Android (android.graphics.Color)	4290739738 (0xFFBF7E1A)
YUV	134.0350, -53.2613, 49.9583
Hunter-Lab	51.0614, 12.4860, 30.5477

Details

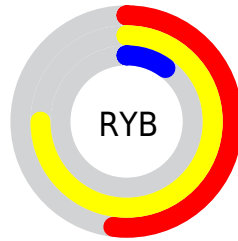
The XYZ color **29.1332, 26.0727, 4.4743** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.5709, 11.4630, 50.7872**, and the grayscale version is **22.8451, 24.0349, 26.1740**.

A 20% lighter version of the original color is **57.7502, 53.5297, 15.0731**, and **12.1696, 10.2133, 1.3300** is the 20% darker color. If you saturate the color by 10%, you get **28.0589, 24.1621, 3.3831**, and if you desaturate by 10%, it is **30.4216, 28.1869, 6.3303**.

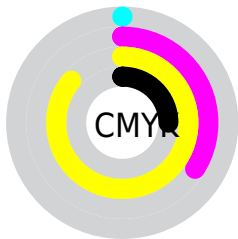
Distribution



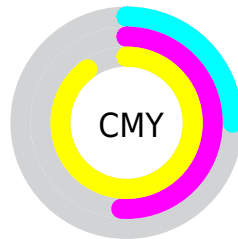
- Red (75%)
- Green (49%)
- Blue (10%)



- Red (52%)
- Yellow (75%)
- Blue (10%)



- Cyan (0%)
- Magenta (34%)
- Yellow (86%)
- Black (25%)





- Cyan (25%)
- Magenta (51%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1332, 26.0727, 4.4743 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 29.1332, 26.0727, 4.4743 by changing the saturation by 10% instead.


 29.1332, 26.0727,
4.4743


 29.1332, 26.0727,
4.4743


289.8258,
283.1388, 153.3597


 19.3264, 16.8780,
1.8890


 57.6847, 53.3922,
15.0897


 12.0118, 10.1476,
0.4857


 77.1602, 72.2858,
23.9568

 6.8239, 5.4969,
0.0000


 100.5892, 95.1812,
35.7549

 3.3976, 2.5417,
0.0000

 128.3372,
122.4628, 50.9026

 1.3673, 0.8974,
0.0000

 160.7695,
154.5150, 69.8184

 0.2328, 0.0000,
0.0000

 198.2515,

 0.0000, 0.0000,

191.7221, 92.9208

0.0000

241.1484,
234.4686, 120.6284

29.1332, 26.0727,
4.4743

29.1332, 26.0727,
4.4743

28.0589, 24.1621,
3.3831

30.4216, 28.1869,
6.3303

27.7037, 23.5124,
3.0782

31.9496, 30.5142,
9.0868

33.7394, 33.0667,
12.8495

35.8094, 35.8543,
17.7088

38.1762, 38.8857,
23.7451

■ 40.8548, 42.1693,
31.0311

■ 43.8593, 45.7127,
39.6337

■ 47.2026, 49.5232,
49.6148

■ 50.8969, 53.6076,
61.0324

Harmonies

Analogous

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



36.7101, 26.0727, 8.5779



29.1332, 26.0727, 4.4743



21.6533, 26.0727, 4.2867

Triad

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



29.1332, 26.0727, 4.4743



13.3168, 26.0727, 38.8202



35.9077, 26.0727, 69.8289

Complementary

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



29.1332, 26.0727, 4.4743



13.5709, 11.4630, 50.7872

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.



28.1969, 26.0727, 89.7166



29.1332, 26.0727, 4.4743



15.7649, 26.0727, 66.6328

Square

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



29.1332, 26.0727, 4.4743



13.4679, 26.0727, 18.1499



20.8860, 26.0727, 88.3197



41.1251, 26.0727, 41.8962

Rectangle

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



29.1332, 26.0727, 4.4743



17.7492, 26.0727, 6.0802



20.8860, 26.0727, 88.3197



33.4616, 26.0727, 78.1816

Sweetspot

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



29.1338, 26.0740, 4.4748



73.1584, 75.5100, 55.5401



23.7871, 12.5880, 11.3017



15.6813, 16.1171, 11.1341



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.1338, 26.0740, 4.4748



49.3742, 41.6237, 5.4319



36.3843, 46.3921, 8.0144



9.9982, 10.4724, 10.0710



18.2869, 15.6126, 2.0497



0.7784, 0.7357, 0.1010

Inverse Universe

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



13.5709, 11.4630, 50.7872



21.1575, 15.3669, 90.1301



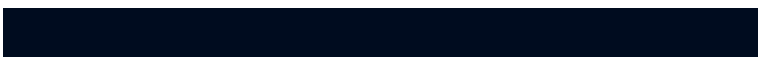
10.7490, 5.0034, 49.6891



9.3165, 9.8254, 12.0777



7.9179, 5.9476, 33.1236



0.3742, 0.3611, 1.3188

Previews

White Background



This preview shows how the XYZ color 29.1332, 26.0727, 4.4743 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 29.1332, 26.0727, 4.4743 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 29.1332, 26.0727, 4.4743

Background



This preview shows how black text looks on a background with the XYZ color 29.1332, 26.0727, 4.4743.



This preview shows how white text looks on a background with the XYZ color 29.1332, 26.0727,

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

29.1332, 26.0727, 4.4743

Protanopia

23.7130, 26.1190, 5.0200

Deuteranopia

26.6543, 26.1763, 4.3572



Tritanopia

32.8921, 25.9647, 23.0167

Trichromacy



Original Color

29.1332, 26.0727, 4.4743

Protanomaly

25.4633, 25.9627, 4.8316

Deuteranomaly

27.4287, 25.9722, 4.3781

Tritanomaly

30.8101, 25.6405, 12.9981

Monochromacy



Original Color

29.1332, 26.0727, 4.4743

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6994, 24.0274, 14.2151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1332, 26.0727, 4.4743 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(191, 126, 26)` looks like.

```
.text, #text, p{  
    color:rgb(191, 126, 26)  
}
```

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(191, 126, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 126, 26) }
```

Border

The CSS property to change the border of an element to XYZ 29.1332, 26.0727, 4.4743 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(191, 126, 26) }
```


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

```
.border{ border-color:rgb(191, 126, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 126, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 126, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 126, 26);  
box-shadow:4px 4px 4px 4px rgb(191, 126,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1332, 26.0727, 4.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 126, 26) }
```

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

```
.background{ background-color: rgb(191,  
126, 26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor