

Converting Colors

XYZ(29.9866, 26.1585, 5.8296)

Have a look what the booklet for
XYZ(29.9866, 26.1585, 5.8296)
contains.

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Color

**XYZ(29.9104, 26.0665,
5.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	C27C2C
RGB	194, 124, 44
RGB Percent	76%, 49%, 17%
CMY	0.2392, 0.5137, 0.8274
CMYK	0.00, 0.36, 0.77, 0.24
HSL	32°, 63%, 47%
HSV	32°, 77%, 76%
XYZ	29.9104, 26.0665, 5.8378
YIQ	135.8100, 67.4000, -10.0400

Conversions

Conversions Part 2

Format	Color
R _Y B	175, 194, 44
Decimal	12745772
CIE Lab	58.10, 20.70, 52.34
CIE LCh	58, 56.286, 68.427
Yxy	26.0665, 0.4839, 0.4217
Android (android.graphics.Color)	4290935852 (0xFFC27C2C)
YUV	135.8100, -45.2623, 51.0326
Hunter-Lab	51.0554, 15.2260, 28.9594

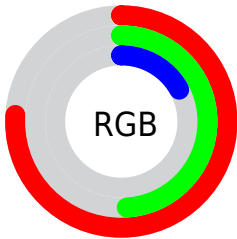
Details

The XYZ color **29.9104, 26.0665, 5.8378** 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 **16.7933, 16.4644, 53.3313**, and the grayscale version is **23.4777, 24.7003, 26.8987**.

A 20% lighter version of the original color is **59.0277, 53.5305, 18.0478**, and **12.5078, 10.1831, 1.3063** is the 20% darker color. If you saturate the color by 10%, you get **28.5445, 23.7885, 3.9846**, and if you desaturate by 10%, it is **31.5520, 28.6237, 8.6238**.

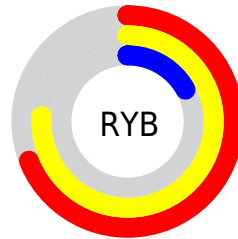
Distribution



Red (76%)

Green (49%)

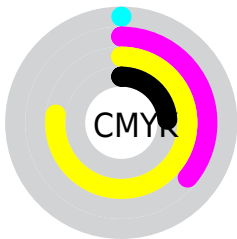
Blue (17%)



Red (69%)

Yellow (76%)

Blue (17%)

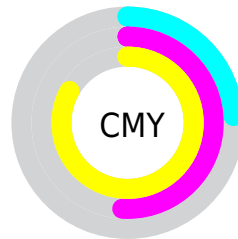


Cyan (0%)

Magenta (36%)

Yellow (77%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9104, 26.0665, 5.8378 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 29.9104, 26.0665, 5.8378 by changing the saturation by 10% instead.


 29.9104, 26.0665,
5.8378


 29.9104, 26.0665,
5.8378


293.4039,
283.1084, 166.8702


 19.9183, 16.8734,
2.6795


 58.9081, 53.3822,
18.0651

 12.4436, 10.1443,
0.9331


 78.6443, 72.2736,
27.9712

 7.1209, 5.4947,
0.0000


 102.3594, 95.1665,
40.9637

 3.5848, 2.5404,
0.0000

 130.4186,
122.4454, 57.4610

 1.4700, 0.8968,
0.0000

 163.1873,
154.4947, 77.8818

 0.3053, 0.0000,
0.0000

 201.0309,

 0.0000, 0.0000,

191.6986, 102.6446

0.0000

244.3146,
234.4417, 132.1679

■ 29.9104, 26.0665,
5.8378

■ 29.9104, 26.0665,
5.8378

■ 28.5445, 23.7885,
3.9846

■ 31.5520, 28.6237,
8.6238

■ 27.4202, 21.7682,
2.9059

■ 33.4912, 31.4698,
12.4529

■ 27.1453, 21.2640,
2.6736

■ 35.7493, 34.6185,
17.4210

■ 38.3446, 38.0813,
23.6130

■ 41.2940, 41.8686,
31.1053

■ 44.6129, 45.9904,
39.9683

■ 48.3159, 50.4563,
50.2671

■ 52.4167, 55.2750,
62.0626

■ 56.9281, 60.4554,
75.4123

Harmonies

Analogous

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



36.5186, 26.0665, 10.8687



29.9104, 26.0665, 5.8378



22.9051, 26.0665, 5.0970

Triad

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



29.9104, 26.0665, 5.8378



13.9460, 26.0665, 34.2417



33.8404, 26.0665, 69.0794

Complementary

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



29.9104, 26.0665, 5.8378



16.7933, 16.4644, 53.3313

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.



26.7449, 26.0665, 84.0109



29.9104, 26.0665, 5.8378



15.8656, 26.0665, 58.6631

Square

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



29.9104, 26.0665, 5.8378



14.4818, 26.0665, 16.7026



20.2646, 26.0665, 79.5111



39.0614, 26.0665, 44.5302

Rectangle

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



29.9104, 26.0665, 5.8378



19.0486, 26.0665, 6.5234



20.2646, 26.0665, 79.5111



31.5484, 26.0665, 75.8041

Sweetspot

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



29.9110, 26.0678, 5.8383



77.1106, 78.7349, 62.4000



26.1861, 14.4858, 17.3358



16.4172, 16.6540, 12.4287



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.



29.9110, 26.0678, 5.8383



50.2211, 40.4353, 5.7161



40.7324, 49.5839, 9.8070



10.5080, 10.9475, 10.6211



17.9302, 14.1461, 1.7855



0.8432, 0.7482, 0.1000

Inverse Universe

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



16.7933, 16.4644, 53.3313



25.5042, 22.4199, 95.4530



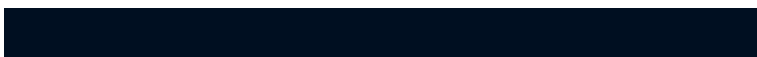
11.9051, 6.3496, 51.6366



9.9071, 10.5055, 12.7904



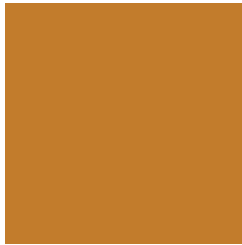
8.9159, 7.5883, 34.5514



0.4541, 0.4657, 1.5158

Previews

White Background



This preview shows how the XYZ color 29.9104, 26.0665, 5.8378 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 29.9104, 26.0665, 5.8378 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 29.9104, 26.0665, 5.8378

Background



This preview shows how black text looks on a background with the XYZ color 29.9104, 26.0665, 5.8378.



This preview shows how white text looks on a background with the XYZ color 29.9104, 26.0665,

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

29.9104, 26.0665, 5.8378

Protanopia

23.8162, 26.1377, 6.5861

Deuteranopia

26.6923, 26.1653, 5.7414



Tritanopia

33.5003, 26.1136, 22.6768

Trichromacy



Original Color

29.9104, 26.0665, 5.8378

Protanomaly

25.6158, 25.8015, 6.3194

Deuteranomaly

27.9290, 26.1997, 5.7755

Tritanomaly

31.7341, 25.9085, 14.3946

Monochromacy



Original Color

29.9104, 26.0665, 5.8378

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.6041, 24.6499, 16.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9104, 26.0665, 5.8378 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, 124, 44)` looks like.

```
.text, #text, p{  
    color:rgb(194, 124, 44)  
}
```

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, 124, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 124, 44) }
```

Border

The CSS property to change the border of an element to XYZ 29.9104, 26.0665, 5.8378 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, 124, 44) }
```


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

```
.border{ border-color:rgb(194, 124, 44) }
```

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

Here you see how a box with a 4 pixel rgb(194, 124, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 124, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 124, 44);  
box-shadow:4px 4px 4px 4px rgb(194, 124,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9104, 26.0665, 5.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 124, 44) }
```

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

```
.background{ background-color: rgb(194,  
124, 44) }
```

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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