

Converting Colors

XYZ(28.3260, 29.3410, 5.1925)

Have a look what the booklet for
XYZ(28.3260, 29.3410, 5.1925)
contains.

XYZ(28.3026, 29.3728, 5.2147)	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(28.3026, 29.3728,
5.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	B1901B
RGB	177, 144, 27
RGB Percent	69%, 56%, 11%
CMY	0.3059, 0.4353, 0.8941
CMYK	0.00, 0.19, 0.85, 0.31
HSL	47°, 74%, 40%
HSV	47°, 85%, 69%
XYZ	28.3026, 29.3728, 5.2147
YIQ	140.5290, 57.2250, -29.3910

Conversions

Conversions Part 2

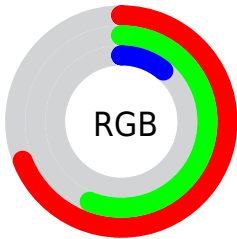
Format	Color
R_{YB}	69, 177, 27
Decimal	11636763
CIE _{Lab}	61.11, 1.52, 60.32
CIE _{LCh}	61, 60.335, 88.557
Yxy	29.3728, 0.4500, 0.4670
Android (android.graphics.Color)	4289826843 (0xFFB1901B)
YUV	140.5290, -55.9698, 31.9851
Hunter-Lab	54.1967, -1.6279, 32.2329

Details

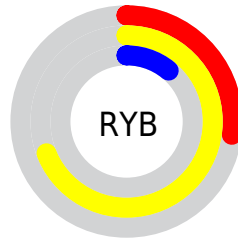
The XYZ color **28.3026, 29.3728, 5.2147** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.0038, 6.6391, 42.3490**, and the grayscale version is **25.3302, 26.6493, 29.0211**.

A 20% lighter version of the original color is **56.1586, 58.4055, 16.7010**, and **11.7484, 11.9985, 1.6967** is the 20% darker color. If you saturate the color by 10%, you get **27.5767, 28.1562, 4.2485**, and if you desaturate by 10%, it is **29.1733, 30.6822, 6.8376**.

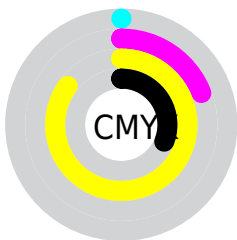
Distribution



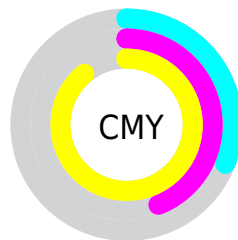
- Red (69%)
- Green (56%)
- Blue (11%)



- Red (27%)
- Yellow (69%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (85%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3026, 29.3728, 5.2147 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 28.3026, 29.3728, 5.2147 by changing the saturation by 10% instead.

■ 28.3026, 29.3728,
5.2147

■ 28.3026, 29.3728,
5.2147

285.9640,
298.9699, 160.8972

■ 18.6955, 19.3630,
2.3128

■ 56.3725, 58.6689,
16.7264

■ 11.5532, 11.9329,
0.7384

■ 75.5660, 78.7240,
26.1732

■ 6.5102, 6.6980,
0.0000

■ 98.6856, 102.8963,
38.6389

■ 3.2013, 3.2740,
0.0000

■ 126.0968,
131.5702, 54.5418

■ 1.2611, 1.2764,
0.0000

■ 158.1649,
165.1301, 74.3005

■ 0.1538, 0.1228,
0.0000

■ 195.2552,

■ 0.0000, 0.0000,

203.9604, 98.3337

0.0000

237.7331,
248.4456, 127.0597

■ 28.3026, 29.3728,
5.2147

■ 28.3026, 29.3728,
5.2147

■ 27.5767, 28.1562,
4.2485

■ 29.1733, 30.6822,
6.8376

■ 27.2291, 27.5425,
3.8811

■ 30.2065, 32.0883,
9.2175

■ 31.4190, 33.5993,
12.4391

■ 32.8247, 35.2211,
16.5754

■ 34.4363, 36.9590,
21.6912

■ 36.2650, 38.8179,
27.8458

■ 38.3215, 40.8023,
35.0935

■ 40.6155, 42.9163,
43.4849

■ 43.1562, 45.1640,
53.0674

Harmonies

Analogous

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



36.6239, 29.3728, 7.3601



28.3026, 29.3728, 5.2147



21.2624, 29.3728, 6.9559

Triad

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



28.3026, 29.3728, 5.2147



16.5798, 29.3728, 57.6394



43.0021, 29.3728, 60.4981

Complementary

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



28.3026, 29.3728, 5.2147



10.0038, 6.6391, 42.3490

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.



35.8349, 29.3728, 87.4991



28.3026, 29.3728, 5.2147



20.7141, 29.3728, 85.3716

Square

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



28.3026, 29.3728, 5.2147



15.3102, 29.3728, 30.8979



27.5368, 29.3728, 98.2468



46.0423, 29.3728, 33.0911

Rectangle

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



28.3026, 29.3728, 5.2147



18.0014, 29.3728, 10.9520



27.5368, 29.3728, 98.2468



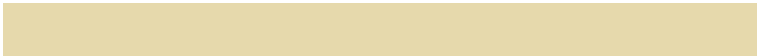
40.9364, 29.3728, 70.3260

Sweetspot

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



28.3033, 29.3742, 5.2153



64.7130, 69.2871, 49.0557



19.3930, 10.4790, 5.5585



13.7736, 14.7643, 9.7764



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3033, 29.3742, 5.2153



48.5963, 48.9871, 6.8942



26.2367, 36.8417, 6.7656



9.0353, 9.5832, 9.0260



19.7747, 20.0480, 2.8274



0.6616, 0.7095, 0.1021

Inverse Universe

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



10.0038, 6.6391, 42.3490



15.3742, 8.0079, 75.2307



10.6428, 5.1518, 42.0282



8.1885, 8.5233, 10.7199



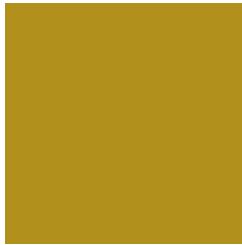
6.3120, 3.4244, 30.4653



0.2418, 0.1941, 0.9730

Previews

White Background



This preview shows how the XYZ color 28.3026, 29.3728, 5.2147 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 28.3026, 29.3728, 5.2147 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 28.3026, 29.3728, 5.2147

Background



This preview shows how black text looks on a background with the XYZ color 28.3026, 29.3728, 5.2147.



This preview shows how white text looks on a background with the XYZ color 28.3026, 29.3728,

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

28.3026, 29.3728, 5.2147

Protanopia

26.5254, 29.3706, 5.3697

Deuteranopia

29.8496, 29.2840, 5.2415



Tritanopia

33.3263, 29.2542, 30.2757

Trichromacy



Original Color

28.3026, 29.3728, 5.2147

Protanomaly

27.2209, 29.4973, 5.3575

Deuteranomaly

29.2629, 29.2009, 5.1926

Tritanomaly

30.4935, 28.9403, 16.2908

Monochromacy



Original Color

28.3026, 29.3728, 5.2147

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2997, 27.1361, 15.9610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3026, 29.3728, 5.2147 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(177, 144, 27)` looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 27)  
}
```

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(177, 144, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 27) }
```

Border

The CSS property to change the border of an element to XYZ 28.3026, 29.3728, 5.2147 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(177, 144, 27) }
```


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

```
.border{ border-color:rgb(177, 144, 27) }
```

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

Here you see how a box with a 4 pixel rgb(177, 144, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 144, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 144, 27);  
box-shadow:4px 4px 4px 4px rgb(177, 144,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3026, 29.3728, 5.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 144, 27) }
```

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

```
.background{ background-color: rgb(177,  
144, 27) }
```

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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