

Converting Colors

XYZ(32.1562, 29.7632, 5.2294)

Have a look what the booklet for
XYZ(32.1562, 29.7632, 5.2294)
contains.

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Color

**XYZ(32.1934, 29.8503,
5.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	C5891D
RGB	197, 137, 29
RGB Percent	77%, 54%, 11%
CMY	0.2275, 0.4627, 0.8863
CMYK	0.00, 0.30, 0.85, 0.23
HSL	39°, 74%, 44%
HSV	39°, 85%, 77%
XYZ	32.1934, 29.8503, 5.2273
YIQ	142.6280, 70.4280, -20.8680

Conversions

Conversions Part 2

Format	Color
R_{YB}	122, 197, 29
Decimal	12945693
CIE _{Lab}	61.52, 14.38, 60.97
CIE _{LCh}	62, 62.646, 76.734
Yxy	29.8503, 0.4786, 0.4437
Android (android.graphics.Color)	4291135773 (0xFFC5891D)
YUV	142.6280, -56.0186, 47.6842
Hunter-Lab	54.6354, 9.5674, 32.5722

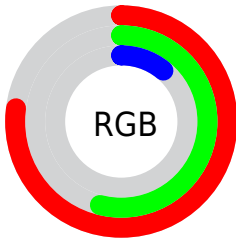
Details

The XYZ color **32.1934, 29.8503, 5.2273** is a dark color, and the websafe version is hex **CC9933**.

The color can be described as dark washed orange. A complement of this color would be **14.1571, 11.4370, 54.2844**, and the grayscale version is **26.1574, 27.5196, 29.9689**.

A 20% lighter version of the original color is **61.2931, 58.7428, 16.7023**, and **13.8894, 12.2197, 1.6266** is the 20% darker color. If you saturate the color by 10%, you get **31.0555, 27.8479, 4.0056**, and if you desaturate by 10%, it is **33.5534, 32.0483, 7.2906**.

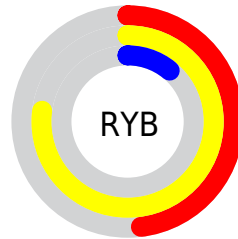
Distribution



Red (77%)

Green (54%)

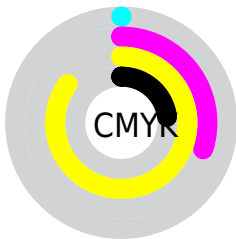
Blue (11%)



Red (48%)

Yellow (77%)

Blue (11%)

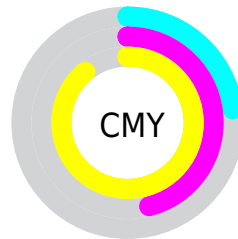


Cyan (0%)

Magenta (30%)

Yellow (85%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1934, 29.8503, 5.2273 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 32.1934, 29.8503, 5.2273 by changing the saturation by 10% instead.


 32.1934, 29.8503,
5.2273


 32.1934, 29.8503,
5.2273


303.7290,
301.2060, 161.0211


 21.6655, 19.7250,
2.3202


 62.4773, 59.4254,
16.7537

 13.7266, 12.1953,
0.7425


 82.9640, 79.6439,
26.2102

 8.0112, 6.8768,
0.0000


 107.5011,
103.9956, 38.6867

 4.1540, 3.3852,
0.0000

 136.4539,
132.8649, 54.6020

 1.7896, 1.3360,
0.0000

 170.1877,
166.6363, 74.3746

 0.5114, 0.1688,
0.0000

 209.0679,

 0.0000, 0.0000,

205.6939, 98.4229

0.0000

253.4599,
250.4224, 127.1656

■ 32.1934, 29.8503,
5.2273

■ 32.1934, 29.8503,
5.2273

■ 31.0555, 27.8479,
4.0056

■ 33.5534, 32.0483,
7.2906

■ 30.5697, 26.9580,
3.5922

■ 35.1604, 34.4502,
10.3302

■ 37.0374, 37.0682,
14.4580

■ 39.2037, 39.9119,
19.7703

■ 41.6766, 42.9899,
26.3527

■ 44.4719, 46.3104,
34.2828

■ 47.6041, 49.8808,
43.6318

■ 51.0867, 53.7082,
54.4660

■ 54.9324, 57.7993,
66.8476

Harmonies

Analogous

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



40.7741, 29.8503, 9.2897



32.1934, 29.8503, 5.2273



24.0210, 29.8503, 5.4418

Triad

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



32.1934, 29.8503, 5.2273



15.6699, 29.8503, 47.5153



41.6497, 29.8503, 74.9631

Complementary

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



32.1934, 29.8503, 5.2273



14.1571, 11.4370, 54.2844

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.



33.2186, 29.8503, 98.8483



32.1934, 29.8503, 5.2273



18.7802, 29.8503, 78.4282

Square

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



32.1934, 29.8503, 5.2273



15.5023, 29.8503, 23.1023



24.8653, 29.8503, 100.3582



46.9093, 29.8503, 44.1574

Rectangle

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



32.1934, 29.8503, 5.2273



19.8581, 29.8503, 7.9116



24.8653, 29.8503, 100.3582



39.0257, 29.8503, 84.6060

Sweetspot

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



32.1941, 29.8518, 5.2279



79.0592, 82.2539, 59.6833



25.3365, 13.4977, 11.0779



16.5356, 17.1510, 11.6660



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.



32.1941, 29.8518, 5.2279



54.5038, 47.7875, 6.3513



37.7775, 49.0888, 8.6467



11.1930, 11.7551, 11.2418



20.1885, 17.8941, 2.3899



1.0225, 0.9805, 0.1354

Inverse Universe

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



14.1571, 11.4370, 54.2844



21.7967, 14.7134, 96.2989



11.9031, 5.6245, 53.2813



10.3615, 10.8970, 13.4747



8.1561, 5.7061, 35.4159



0.4546, 0.4070, 1.6997

Previews

White Background



This preview shows how the XYZ color 32.1934, 29.8503, 5.2273 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 32.1934, 29.8503, 5.2273 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 32.1934, 29.8503, 5.2273

Background



This preview shows how black text looks on a background with the XYZ color 32.1934, 29.8503, 5.2273.



This preview shows how white text looks on a background with the XYZ color 32.1934, 29.8503,

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

32.1934, 29.8503, 5.2273

Protanopia

27.1566, 29.9240, 5.7111

Deuteranopia

30.4504, 29.8157, 5.1274



Tritanopia

36.8631, 29.9410, 27.5032

Trichromacy



Original Color

32.1934, 29.8503, 5.2273

Protanomaly

28.9631, 29.9334, 5.5475

Deuteranomaly

31.0618, 29.9117, 5.1733

Tritanomaly

34.4083, 29.5319, 15.4420

Monochromacy



Original Color

32.1934, 29.8503, 5.2273

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0274, 27.7956, 16.5110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1934, 29.8503, 5.2273 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(197, 137, 29)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 29)  
}
```

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(197, 137, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 29) }
```

Border

The CSS property to change the border of an element to XYZ 32.1934, 29.8503, 5.2273 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(197, 137, 29) }
```


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

```
.border{ border-color:rgb(197, 137, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 137, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 137, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 137, 29);  
box-shadow:4px 4px 4px 4px rgb(197, 137,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1934, 29.8503, 5.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 29) }
```

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

```
.background{ background-color: rgb(197,  
137, 29) }
```

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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