

Converting Colors

XYZ(24.5579, 32.7792, 1.8618)

Have a look what the booklet for
XYZ(24.5579, 32.7792, 1.8618)
contains.

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Color

**XYZ(25.1322, 32.9300,
5.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	91A500
RGB	145, 165, 0
RGB Percent	57%, 65%, 0%
CMY	0.4314, 0.3529, 0.9999
CMYK	0.12, 0.00, 1.00, 0.35
HSL	67°, 100%, 32%
HSV	67°, 100%, 65%
XYZ	25.1322, 32.9300, 5.0315
YIQ	140.2100, 41.0450, -55.5550

Conversions

Conversions Part 2

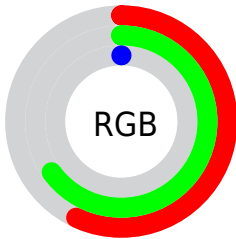
Format	Color
RYB	0, 165, 20
Decimal	9544960
CIELab	64.10, -24.35, 66.34
CIELCh	64, 70.670, 110.158
Yxy	32.9300, 0.3983, 0.5219
Android (android.graphics.Color)	4287735040 (0xFF91A500)
YUV	140.2100, -69.1235, 4.2008
Hunter-Lab	57.3847, -22.2473, 34.9707

Details

The XYZ color **25.1322, 32.9300, 5.0315** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.0809, 2.8660, 35.7793**, and the grayscale version is **25.2599, 26.5754, 28.9406**.

A 20% lighter version of the original color is **51.2203, 64.2510, 16.3587**, and **10.1216, 13.9839, 2.1657** is the 20% darker color. If you saturate the color by 10%, you get **25.1326, 32.9313, 5.0318**, and if you desaturate by 10%, it is **25.5860, 33.1538, 5.5614**.

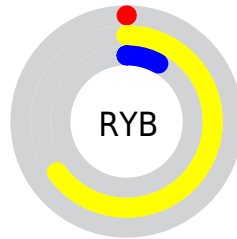
Distribution



Red (57%)

Green (65%)

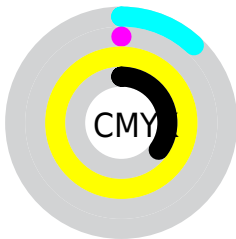
Blue (0%)



Red (0%)

Yellow (65%)

Blue (8%)

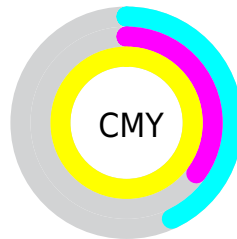


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (43%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1322, 32.9300, 5.0315 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 25.1322, 32.9300, 5.0315 by changing the saturation by 10% instead.

■ 25.1322, 32.9300,
5.0315

■ 25.1322, 32.9300,
5.0315

270.8312,
315.3342, 159.0804

■ 16.3048, 22.0728,
2.2067

■ 51.3130, 64.2662,
16.3264

■ 9.8323, 13.9104,
0.6782

■ 69.3971, 85.5141,
25.6335

■ 5.3493, 8.0584,
0.0000

■ 91.2974, 110.9943,
37.9385

■ 2.4905, 4.1323,
0.0000

■ 117.3795,
141.0912, 53.6599

■ 0.8905, 1.7479,
0.0000

■ 148.0085,
176.1892, 73.2163

■ 0.0000, 0.4544,
0.0000

■ 183.5499,

■ 0.0000, 0.0000,

216.6728, 97.0261

0.0000

224.3690,
262.9264, 125.5080

25.1322, 32.9300,
5.0315

25.1322, 32.9300,
5.0315

25.1326, 32.9313,
5.0318

25.5860, 33.1538,
5.5614

26.1252, 33.4113,
6.5120

26.7840, 33.7174,
8.0596

27.5770, 34.0778,
10.2810

28.5167, 34.4977,
13.2418

■ 29.6141, 34.9814,
16.9999

■ 30.8791, 35.5329,
21.6072

■ 32.3208, 36.1558,
27.1114

■ 33.9476, 36.8534,
33.5567

Harmonies

Analogous

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



34.7002, 32.9300, 4.3710



25.1322, 32.9300, 5.0315



18.7403, 32.9300, 10.8894

Triad

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



25.1322, 32.9300, 5.0315



20.5303, 32.9300, 96.8938



54.3099, 32.9300, 46.1098

Complementary

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



25.1322, 32.9300, 5.0315



7.0809, 2.8660, 35.7793

Split Complementary

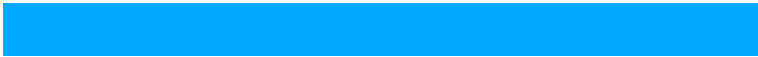
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.4957, 32.9300, 83.9407



25.1322, 32.9300, 5.0315



28.1276, 32.9300, 122.0204

Square

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



25.1322, 32.9300, 5.0315



16.5022, 32.9300, 58.3640



38.4000, 32.9300, 116.3163



53.0285, 32.9300, 20.0356

Rectangle

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



25.1322, 32.9300, 5.0315



16.4785, 32.9300, 20.2301



38.4000, 32.9300, 116.3163



53.0802, 32.9300, 57.9695

Sweetspot

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



25.1329, 32.9315, 5.0322



55.1646, 63.5749, 38.1925



15.7553, 8.4745, 0.8058



11.8560, 13.8100, 7.5970



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.1329, 32.9315, 5.0322



44.8927, 58.9149, 9.0056



15.5225, 27.9772, 4.5824



7.5645, 8.1935, 7.5629



19.0400, 24.9260, 3.8077



0.4222, 0.5352, 0.0810

Inverse Universe

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



7.0809, 2.8660, 35.7793



12.5884, 5.0845, 64.0703



12.2442, 5.5277, 36.0209



6.7766, 6.8992, 8.8776



5.3803, 2.1801, 27.0670



0.1350, 0.0571, 0.5698

Previews

White Background



This preview shows how the XYZ color 25.1322, 32.9300, 5.0315 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.1322, 32.9300, 5.0315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

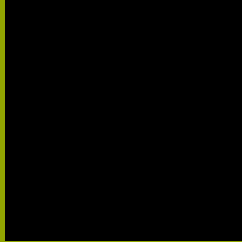
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1322, 32.9300, 5.0315

Background



This preview shows how black text looks on a background with the XYZ color 25.1322, 32.9300, 5.0315.



This preview shows how white text looks on a background with the XYZ color 25.1322, 32.9300,

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

25.1322, 32.9300, 5.0315

Protanopia

29.5677, 32.8909, 4.7902

Deuteranopia

33.4083, 32.6870, 5.6470



Tritanopia

32.2833, 32.7682, 40.2207

Trichromacy



Original Color

25.1322, 32.9300, 5.0315

Protanomaly

27.7080, 32.6888, 4.8492

Deuteranomaly

29.7962, 32.5020, 5.2753

Tritanomaly

27.7436, 31.9062, 18.0609

Monochromacy



Original Color

25.1322, 32.9300, 5.0315

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.7059, 27.9669, 13.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1322, 32.9300, 5.0315 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(145, 165, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 0)  
}
```

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(145, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.1322, 32.9300, 5.0315 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(145, 165, 0) }
```


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

```
.border{ border-color:rgb(145, 165, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 165, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1322, 32.9300, 5.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 0) }
```

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

```
.background{ background-color: rgb(145,  
165, 0) }
```

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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