

Converting Colors

XYZ(24.9478, 32.3048, 4.9208)

Have a look what the booklet for
XYZ(24.9478, 32.3048, 4.9208)
contains.

XYZ(24.9513, 32.3054, 4.9205)	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(24.9513, 32.3054,
4.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	92A300
RGB	146, 163, 0
RGB Percent	57%, 64%, 0%
CMY	0.4275, 0.3608, 0.9999
CMYK	0.10, 0.00, 1.00, 0.36
HSL	66°, 100%, 32%
HSV	66°, 100%, 64%
XYZ	24.9513, 32.3054, 4.9205
YIQ	139.3350, 42.1910, -54.2970

Conversions

Conversions Part 2

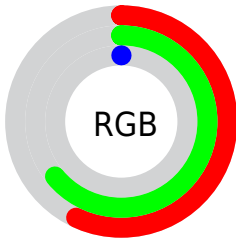
Format	Color
RYB	0, 163, 17
Decimal	9609984
CIELab	63.59, -22.93, 65.99
CIELCh	64, 69.863, 109.159
Yxy	32.3054, 0.4013, 0.5196
Android (android.graphics.Color)	4287800064 (0xFF92A300)
YUV	139.3350, -68.6922, 5.8452
Hunter-Lab	56.8378, -21.1063, 34.6537

Details

The XYZ color **24.9513, 32.3054, 4.9205** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.8429, 2.7642, 34.8252**, and the grayscale version is **24.9168, 26.2145, 28.5476**.

A 20% lighter version of the original color is **50.9360, 63.3337, 16.0186**, and **9.9988, 13.5930, 2.0967** is the 20% darker color. If you saturate the color by 10%, you get **24.9517, 32.3067, 4.9207**, and if you desaturate by 10%, it is **25.3524, 32.5022, 5.4400**.

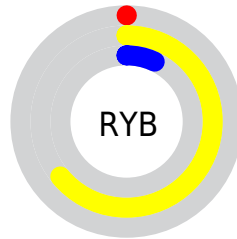
Distribution



Red (57%)

Green (64%)

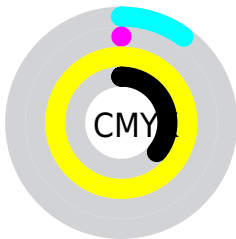
Blue (0%)



Red (0%)

Yellow (64%)

Blue (7%)

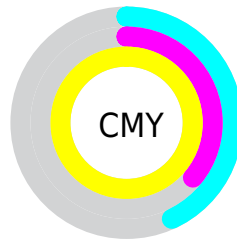


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9513, 32.3054, 4.9205 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 24.9513, 32.3054, 4.9205 by changing the saturation by 10% instead.

■ 24.9513, 32.3054,
4.9205

■ 24.9513, 32.3054,
4.9205

269.9474,
312.5081, 157.9649

■ 16.1693, 21.5949,
2.1428

■ 51.0217, 63.2896,
16.0825

■ 9.7357, 13.5595,
0.6411

■ 69.0408, 84.3320,
25.3039

■ 5.2850, 7.8150,
0.0000

■ 90.8696, 109.5871,
37.5102

■ 2.4519, 3.9768,
0.0000

■ 116.8735,
139.4395, 53.1200

■ 0.8711, 1.6606,
0.0000

■ 147.4179,
174.2733, 72.5518

■ 0.0000, 0.3979,
0.0000

■ 182.8682,

■ 0.0000, 0.0000,

214.4731, 96.2242

0.0000

223.5895,
260.4232, 124.5557

24.9513, 32.3054,
4.9205

24.9513, 32.3054,
4.9205

24.9517, 32.3067,
4.9207

25.3524, 32.5022,
5.4400

25.8348, 32.7309,
6.3668

26.4319, 33.0060,
7.8741

27.1579, 33.3331,
10.0366

28.0249, 33.7172,
12.9176

■ 29.0436, 34.1625,
16.5734

■ 30.2236, 34.6728,
21.0544

■ 31.5736, 35.2517,
26.4068

■ 33.1019, 35.9025,
32.6734

Harmonies

Analogous

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



34.3702, 32.3054, 4.3968



24.9513, 32.3054, 4.9205



18.5882, 32.3054, 10.4414

Triad

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



24.9513, 32.3054, 4.9205



19.9993, 32.3054, 93.4797



53.0590, 32.3054, 46.2775

Complementary

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



24.9513, 32.3054, 4.9205



6.8429, 2.7642, 34.8252

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.



47.1949, 32.3054, 83.3013



24.9513, 32.3054, 4.9205



27.3107, 32.3054, 118.7169

Square

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



24.9513, 32.3054, 4.9205



16.1760, 32.3054, 55.9161



37.2822, 32.3054, 114.2365



52.0514, 32.3054, 20.3257

Rectangle

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



24.9513, 32.3054, 4.9205



16.2992, 32.3054, 19.3150



37.2822, 32.3054, 114.2365



51.7841, 32.3054, 57.9586

Sweetspot

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



24.9520, 32.3069, 4.9212



53.9976, 62.0380, 37.2099



15.2952, 8.1670, 0.7707



11.9306, 13.8484, 7.6005



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.



24.9520, 32.3069, 4.9212



44.5837, 57.8039, 8.8075



15.2920, 27.3269, 4.4691



7.5763, 8.1996, 7.5635



19.4134, 25.1185, 3.8252



0.4274, 0.5378, 0.0813

Inverse Universe

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



6.8429, 2.7642, 34.8252



12.1722, 4.9073, 62.3618



11.6278, 5.2309, 35.0491



6.7659, 6.8937, 8.8771



5.3376, 2.1581, 27.0650



0.1313, 0.0552, 0.5696

Previews

White Background



This preview shows how the XYZ color 24.9513, 32.3054, 4.9205 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 24.9513, 32.3054, 4.9205 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 24.9513, 32.3054, 4.9205

Background



This preview shows how black text looks on a background with the XYZ color 24.9513, 32.3054, 4.9205.



This preview shows how white text looks on a background with the XYZ color 24.9513, 32.3054,

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

24.9513, 32.3054, 4.9205

Protanopia

29.0112, 32.1099, 4.6688

Deuteranopia

32.7248, 32.1062, 5.5092



Tritanopia

31.7780, 32.0467, 39.1611

Trichromacy



Original Color

24.9513, 32.3054, 4.9205

Protanomaly

27.3668, 32.0065, 4.7355

Deuteranomaly

29.4609, 31.8441, 5.1241

Tritanomaly

27.5465, 31.3122, 17.6887

Monochromacy



Original Color

24.9513, 32.3054, 4.9205

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.5067, 27.6352, 13.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9513, 32.3054, 4.9205 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(146, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(146, 163, 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(146, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.9513, 32.3054, 4.9205 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(146, 163, 0) }
```


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

```
.border{ border-color:rgb(146, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(146, 163,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9513, 32.3054, 4.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 163, 0) }
```

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

```
.background{ background-color: rgb(146,  
163, 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](#).

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