

Converting Colors

XYZ(24.3282, 25.9929, 5.0225)

Have a look what the booklet for
XYZ(24.3282, 25.9929, 5.0225)
contains.

XYZ(24.2361, 25.9573, 5.0292)	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(24.2361, 25.9573,
5.0292)**

Conversions

Conversions Part 1

Format	Color
Hex	A28A1F
RGB	162, 138, 31
RGB Percent	64%, 54%, 12%
CMY	0.3647, 0.4588, 0.8784
CMYK	0.00, 0.15, 0.81, 0.36
HSL	49°, 68%, 38%
HSV	49°, 81%, 64%
XYZ	24.2361, 25.9573, 5.0292
YIQ	132.9780, 48.6510, -28.1890

Conversions

Conversions Part 2

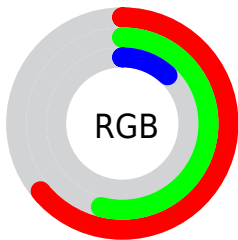
Format	Color
R_{YB}	60, 162, 31
Decimal	10652191
CIE Lab	58.00, -1.89, 55.82
CIE LCh	58, 55.853, 91.937
Yxy	25.9573, 0.4389, 0.4700
Android (android.graphics.Color)	4288842271 (0xFFA28A1F)
YUV	132.9780, -50.2752, 25.4523
Hunter-Lab	50.9483, -4.2471, 29.8112

Details

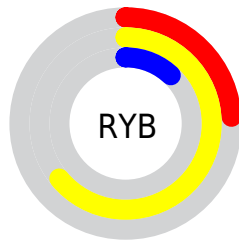
The XYZ color **24.2361, 25.9573, 5.0292** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.4529, 5.6323, 34.8238**, and the grayscale version is **22.4519, 23.6212, 25.7235**.

A 20% lighter version of the original color is **49.7857, 53.1331, 16.2261**, and **9.5162, 10.2089, 1.4690** is the 20% darker color. If you saturate the color by 10%, you get **23.6542, 25.0536, 4.0338**, and if you desaturate by 10%, it is **24.9381, 26.9297, 6.5946**.

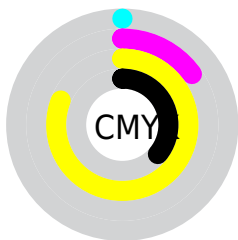
Distribution



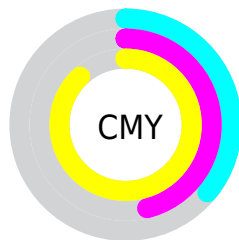
- Red (64%)
- Green (54%)
- Blue (12%)



- Red (24%)
- Yellow (64%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (81%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2361, 25.9573, 5.0292 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 24.2361, 25.9573, 5.0292 by changing the saturation by 10% instead.

■ 24.2361, 25.9573,
5.0292

■ 24.2361, 25.9573,
5.0292

266.4303,
282.5724, 159.0574

■ 15.6345, 16.7917,
2.2054

■ 49.8671, 53.2061,
16.3213

■ 9.3551, 10.0861,
0.6775

■ 67.6272, 72.0580,
25.6267

■ 5.0325, 5.4561,
0.0000

■ 89.1709, 94.9075,
37.9297

■ 2.3013, 2.5173,
0.0000

■ 114.8635,
122.1390, 53.6488

■ 0.7953, 0.8853,
0.0000

■ 145.0704,
154.1368, 73.2026

■ 0.0000, 0.0000,
0.0000

■ 180.1570,

191.2854, 97.0096

220.4885,
233.9691, 125.4883

■ 24.2361, 25.9573,
5.0292

■ 24.2361, 25.9573,
5.0292

■ 23.6542, 25.0536,
4.0338

■ 24.9381, 26.9297,
6.5946

■ 23.1956, 24.2723,
3.4625

■ 25.7728, 27.9729,
8.8030

■ 26.7528, 29.0931,
11.7185

■ 27.8888, 30.2948,
15.3967

■ 29.1903, 31.5819,
19.8878

■ 30.6663, 32.9581,
25.2378

■ 32.3249, 34.4267,
31.4890

■ 34.1735, 35.9911,
38.6812

■ 36.2195, 37.6540,
46.8515

Harmonies

Analogous

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



31.2852, 25.9573, 6.5320



24.2361, 25.9573, 5.0292



18.4309, 25.9573, 7.0161

Triad

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



24.2361, 25.9573, 5.0292



15.2260, 25.9573, 52.7974



37.9674, 25.9573, 49.5691

Complementary

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



24.2361, 25.9573, 5.0292



8.4529, 5.6323, 34.8238

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.



32.1827, 25.9573, 72.9165



24.2361, 25.9573, 5.0292



19.0627, 25.9573, 75.3023

Square

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



24.2361, 25.9573, 5.0292



13.8527, 25.9573, 29.5365



25.1124, 25.9573, 83.9610



40.0247, 25.9573, 27.0268

Rectangle

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



24.2361, 25.9573, 5.0292



15.8092, 25.9573, 10.9990



25.1124, 25.9573, 83.9610



36.3480, 25.9573, 57.8810

Sweetspot

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



24.2367, 25.9586, 5.0297



54.6724, 58.9165, 42.1412



16.0803, 8.9375, 4.4945



12.0750, 13.0417, 8.7258



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.



24.2367, 25.9586, 5.0297



42.2300, 44.2483, 6.4973



20.9853, 29.9696, 5.9753



7.5386, 8.0156, 7.5299



18.3031, 19.1801, 2.7374



0.4116, 0.4571, 0.0665

Inverse Universe

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



8.4529, 5.6323, 34.8238



12.8180, 6.5748, 62.6496



9.7205, 4.9853, 34.6321



6.8006, 7.0601, 8.9074



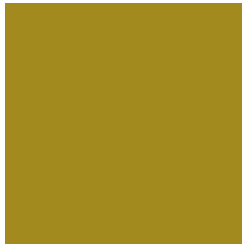
5.5212, 2.8219, 27.1835



0.1434, 0.1142, 0.5803

Previews

White Background



This preview shows how the XYZ color 24.2361, 25.9573, 5.0292 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 24.2361, 25.9573, 5.0292 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 24.2361, 25.9573, 5.0292

Background



This preview shows how black text looks on a background with the XYZ color 24.2361, 25.9573, 5.0292.



This preview shows how white text looks on a background with the XYZ color 24.2361, 25.9573,

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

24.2361, 25.9573, 5.0292

Protanopia

23.5300, 26.0232, 5.0791

Deuteranopia

26.4445, 25.8481, 5.1088



Tritanopia

28.8726, 25.9996, 27.9228

Trichromacy



Original Color

24.2361, 25.9573, 5.0292

Protanomaly

23.7780, 25.9351, 5.0491

Deuteranomaly

25.5942, 25.8179, 5.0732

Tritanomaly

26.2774, 25.5296, 15.5993

Monochromacy



Original Color

24.2361, 25.9573, 5.0292

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.2769, 24.1018, 14.5443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2361, 25.9573, 5.0292 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(162, 138, 31)` looks like.

```
.text, #text, p{  
    color:rgb(162, 138, 31)  
}
```

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(162, 138, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 138, 31) }
```

Border

The CSS property to change the border of an element to XYZ 24.2361, 25.9573, 5.0292 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(162, 138, 31) }
```


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

```
.border{ border-color:rgb(162, 138, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 138, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 138, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 138, 31);  
box-shadow:4px 4px 4px 4px rgb(162, 138,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2361, 25.9573, 5.0292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 138, 31) }
```

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

```
.background{ background-color: rgb(162,  
138, 31) }
```

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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