

Converting Colors

XYZ(24.5425, 26.3578, 3.7940)

Have a look what the booklet for
XYZ(24.5425, 26.3578, 3.7940)
contains.

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Color

**XYZ(24.5425, 26.3578,
3.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	A48B00
RGB	164, 139, 0
RGB Percent	64%, 55%, 0%
CMY	0.3569, 0.4549, 1.0000
CMYK	0.00, 0.15, 1.00, 0.36
HSL	51°, 100%, 32%
HSV	51°, 100%, 64%
XYZ	24.5425, 26.3578, 3.7940
YIQ	130.6290, 59.5190, -37.9290

Conversions

Conversions Part 2

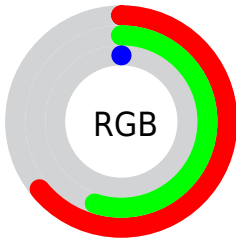
Format	Color
R_{YB}	29, 164, 0
Decimal	10783488
CIE _{Lab}	58.38, -2.19, 62.91
CIE _{LCh}	58, 62.947, 91.993
Yxy	26.3578, 0.4487, 0.4819
Android (android.graphics.Color)	4288973568 (0xFFA48B00)
YUV	130.6290, -64.4001, 29.2664
Hunter-Lab	51.3398, -4.5146, 31.5564

Details

The XYZ color **24.5425, 26.3578, 3.7940** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.0486, 3.3758, 35.4018**, and the grayscale version is **21.6495, 22.7769, 24.8041**.

A 20% lighter version of the original color is **50.3866, 53.8294, 13.5288**, and **9.8405, 10.5005, 1.5081** is the 20% darker color. If you saturate the color by 10%, you get **24.5428, 26.3586, 3.7942**, and if you desaturate by 10%, it is **25.0058, 27.1299, 4.4251**.

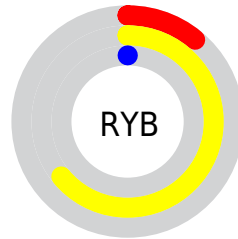
Distribution



Red (64%)

Green (55%)

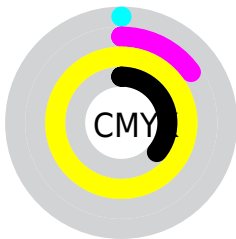
Blue (0%)



Red (11%)

Yellow (64%)

Blue (0%)

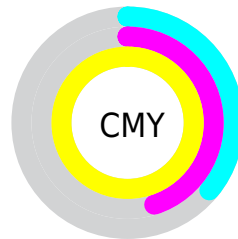


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5425, 26.3578, 3.7940 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 24.5425, 26.3578, 3.7940 by changing the saturation by 10% instead.

■ 24.5425, 26.3578,
3.7940

■ 24.5425, 26.3578,
3.7940

267.9417,
284.5341, 145.9074

■ 15.8634, 17.0915,
1.5130

■ 50.3623, 53.8516,
13.5318

■ 9.5178, 10.2998,
0.2276

■ 68.2338, 72.8479,
21.8257

■ 5.1402, 5.5982,
0.0000

■ 89.9001, 95.8563,
32.9610

■ 2.3654, 2.6023,
0.0000

■ 115.7266,
123.2613, 47.3563

■ 0.8278, 0.9278,
0.0000

■ 146.0786,
155.4471, 65.4300

■ 0.0000, 0.0000,
0.0000

■ 181.3216,

192.7983, 87.6007

■ 221.8208,
235.6991, 114.2870

■ 24.5425, 26.3578,
3.7940

■ 24.5425, 26.3578,
3.7940

■ 24.5428, 26.3586,
3.7942

■ 25.0058, 27.1299,
4.4251

■ 25.5554, 27.9489,
5.4726

■ 26.2252, 28.8294,
7.1113

■ 27.0296, 29.7771,
9.4170

■ 27.9808, 30.7972,
12.4542

■ 29.0897, 31.8941,
16.2798

■ 30.3662, 33.0717,
20.9451

■ 31.8191, 34.3337,
26.4971

■ 33.4568, 35.6835,
32.9792

Harmonies

Analogous

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



32.6404, 26.3578, 5.2206



24.5425, 26.3578, 3.7940



18.0188, 26.3578, 5.7069

Triad

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



24.5425, 26.3578, 3.7940



14.5051, 26.3578, 57.4196



40.4704, 26.3578, 53.4709

Complementary

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



24.5425, 26.3578, 3.7940



7.0486, 3.3758, 35.4018

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.



33.7125, 26.3578, 81.5363



24.5425, 26.3578, 3.7940



18.7420, 26.3578, 84.5209

Square

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



24.5425, 26.3578, 3.7940



13.0089, 26.3578, 30.1944



25.5691, 26.3578, 95.0463



42.8839, 26.3578, 27.2541

Rectangle

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



24.5425, 26.3578, 3.7940



15.1308, 26.3578, 9.7488



25.5691, 26.3578, 95.0463



38.5717, 26.3578, 63.3814

Sweetspot

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



24.5431, 26.3591, 3.7945



54.9796, 59.9052, 37.4940



15.5116, 7.9734, 1.7792



11.8109, 12.9068, 7.4251



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.



24.5431, 26.3591, 3.7945



44.4264, 47.5991, 6.8460



19.6235, 29.8233, 4.7225



7.5570, 8.0525, 7.5361



18.8462, 20.2662, 2.9185



0.4193, 0.4725, 0.0691

Inverse Universe

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



7.0486, 3.3758, 35.4018



12.6973, 5.9335, 64.2284



8.2586, 3.4835, 35.3588



6.7836, 7.0262, 8.9017



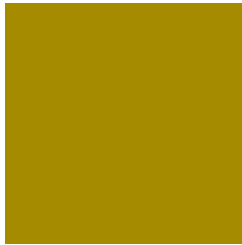
5.4277, 2.6349, 27.1523



0.1375, 0.1022, 0.5783

Previews

White Background



This preview shows how the XYZ color 24.5425, 26.3578, 3.7940 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 24.5425, 26.3578, 3.7940 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 24.5425, 26.3578, 3.7940

Background



This preview shows how black text looks on a background with the XYZ color 24.5425, 26.3578, 3.7940.

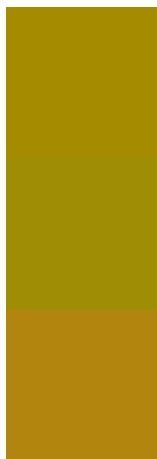


This preview shows how white text looks on a background with the XYZ color 24.5425, 26.3578,

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

24.5425, 26.3578, 3.7940

Protanopia

23.8503, 26.4316, 3.9883

Deuteranopia

26.8339, 26.2745, 4.1091



Tritanopia

29.5237, 26.3352, 27.9532

Trichromacy



Original Color

24.5425, 26.3578, 3.7940

Protanomaly

24.0925, 26.3398, 3.9004

Deuteranomaly

25.9523, 26.2341, 3.9830

Tritanomaly

26.5112, 25.9147, 12.8373

Monochromacy



Original Color

24.5425, 26.3578, 3.7940

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4141, 23.5144, 11.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5425, 26.3578, 3.7940 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(164, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(164, 139, 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(164, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 139, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.5425, 26.3578, 3.7940 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(164, 139, 0) }
```


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

```
.border{ border-color:rgb(164, 139, 0) }
```

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

Here you see how a box with a 4 pixel rgb(164, 139, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(164, 139,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5425, 26.3578, 3.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 139, 0) }
```

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

```
.background{ background-color: rgb(164,  
139, 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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