

Converting Colors

XYZ(24.4420, 25.8584, 4.6802)

Have a look what the booklet for
XYZ(24.4420, 25.8584, 4.6802)
contains.

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Color

**XYZ(24.4420, 25.8584,
4.6802)**

Conversions

Conversions Part 1

Format	Color
Hex	A4891A
RGB	164, 137, 26
RGB Percent	64%, 54%, 10%
CMY	0.3569, 0.4627, 0.8980
CMYK	0.00, 0.16, 0.84, 0.36
HSL	48°, 73%, 37%
HSV	48°, 84%, 64%
XYZ	24.4420, 25.8584, 4.6802
YIQ	132.4190, 51.7230, -28.7970

Conversions

Conversions Part 2

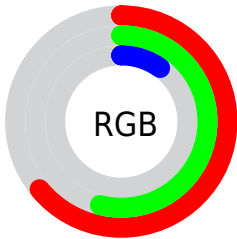
Format	Color
R_{YB}	60, 164, 26
Decimal	10783002
CIE Lab	57.90, -0.59, 57.36
CIE LCh	58, 57.362, 90.586
Yxy	25.8584, 0.4446, 0.4703
Android (android.graphics.Color)	4288973082 (0xFFA4891A)
YUV	132.4190, -52.4646, 27.6965
Hunter-Lab	50.8512, -3.1921, 30.1389

Details

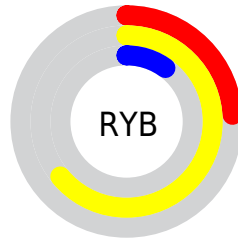
The XYZ color **24.4420, 25.8584, 4.6802** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.4001, 5.4462, 35.7304**, and the grayscale version is **22.2551, 23.4141, 25.4980**.

A 20% lighter version of the original color is **50.0606, 52.9657, 15.5676**, and **9.6741, 10.1676, 1.4527** is the 20% darker color. If you saturate the color by 10%, you get **23.8594, 24.9074, 3.8259**, and if you desaturate by 10%, it is **25.1442, 26.8809, 6.0920**.

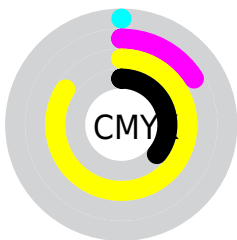
Distribution



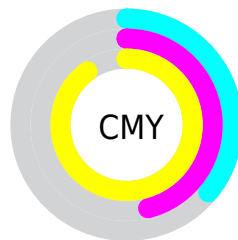
- Red (64%)
- Green (54%)
- Blue (10%)



- Red (24%)
- Yellow (64%)
- Blue (10%)



- Cyan (0%)
- Magenta (16%)
- Yellow (84%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4420, 25.8584, 4.6802 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 24.4420, 25.8584, 4.6802 by changing the saturation by 10% instead.

■ 24.4420, 25.8584,
4.6802

■ 24.4420, 25.8584,
4.6802

267.4467,
282.0863, 155.5098

■ 15.7883, 16.7177,
2.0054

■ 50.2000, 53.0464,
15.5504

■ 9.4644, 10.0335,
0.5586

■ 68.0350, 71.8626,
24.5829

■ 5.1048, 5.4211,
0.0000

■ 89.6611, 94.6727,
36.5717

■ 2.3443, 2.4964,
0.0000

■ 115.4438,
121.8611, 51.9354

■ 0.8172, 0.8748,
0.0000

■ 145.7484,
153.8123, 71.0926

■ 0.0000, 0.0000,
0.0000

■ 180.9401,

190.9106, 94.4616

221.3845,
233.5405, 122.4612

24.4420, 25.8584,
4.6802

24.4420, 25.8584,
4.6802

23.8594, 24.9074,
3.8259

25.1442, 26.8809,
6.0920

23.5498, 24.3726,
3.4632

25.9799, 27.9778,
8.1421

26.9630, 29.1556,
10.8999

28.1047, 30.4191,
14.4250

29.4155, 31.7727,
18.7710

■ 30.9047, 33.2202,
23.9865

■ 32.5808, 34.7653,
30.1163

■ 34.4518, 36.4113,
37.2022

■ 36.5255, 38.1615,
45.2834

Harmonies

Analogous

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



31.6920, 25.8584, 6.3232



24.4420, 25.8584, 4.6802



18.4217, 25.8584, 6.4681

Triad

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



24.4420, 25.8584, 4.6802



14.8279, 25.8584, 52.2749



38.0527, 25.8584, 51.2632

Complementary

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



24.4420, 25.8584, 4.6802



8.4001, 5.4462, 35.7304

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.



31.9716, 25.8584, 75.2153



24.4420, 25.8584, 4.6802



18.6166, 25.8584, 75.9671

Square

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



24.4420, 25.8584, 4.6802



13.5481, 25.8584, 28.5464



24.7138, 25.8584, 85.8642



40.3885, 25.8584, 27.7680

Rectangle

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



24.4420, 25.8584, 4.6802



15.6807, 25.8584, 10.2557



24.7138, 25.8584, 85.8642



36.3288, 25.8584, 59.8566

Sweetspot

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



24.4426, 25.8597, 4.6807



55.7195, 59.9419, 42.1898



16.3359, 8.8941, 4.2972



11.9801, 12.9110, 8.5119



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.



24.4426, 25.8597, 4.6807



42.5991, 43.9444, 6.2369



21.5734, 30.8071, 5.7869



7.5312, 8.0007, 7.5274



18.0903, 18.7545, 2.6665



0.4086, 0.4510, 0.0655

Inverse Universe

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



8.4001, 5.4462, 35.7304



12.9877, 6.5143, 64.3252



9.4128, 4.6269, 35.5188



6.8075, 7.0739, 8.9097



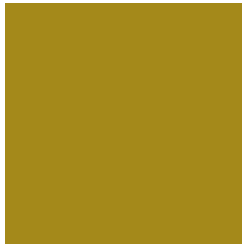
5.5635, 2.9064, 27.1975



0.1459, 0.1190, 0.5811

Previews

White Background



This preview shows how the XYZ color 24.4420, 25.8584, 4.6802 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 24.4420, 25.8584, 4.6802 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 24.4420, 25.8584, 4.6802

Background



This preview shows how black text looks on a background with the XYZ color 24.4420, 25.8584, 4.6802.



This preview shows how white text looks on a background with the XYZ color 24.4420, 25.8584,

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

24.4420, 25.8584, 4.6802

Protanopia

23.4805, 26.0034, 4.8185

Deuteranopia

26.3775, 25.8213, 4.7562



Tritanopia

29.0291, 25.9024, 27.1366

Trichromacy



Original Color

24.4420, 25.8584, 4.6802

Protanomaly

23.9277, 26.0180, 4.7978

Deuteranomaly

25.7480, 25.9047, 4.7417

Tritanomaly

26.4224, 25.4205, 14.8233

Monochromacy



Original Color

24.4420, 25.8584, 4.6802

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0025, 23.7698, 13.7843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4420, 25.8584, 4.6802 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, 137, 26)` looks like.

```
.text, #text, p{  
    color:rgb(164, 137, 26)  
}
```

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, 137, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 137, 26) }
```

Border

The CSS property to change the border of an element to XYZ 24.4420, 25.8584, 4.6802 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, 137, 26) }
```


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

```
.border{ border-color:rgb(164, 137, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 137, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 137, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 137, 26);  
box-shadow:4px 4px 4px 4px rgb(164, 137,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4420, 25.8584, 4.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 137, 26) }
```

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

```
.background{ background-color: rgb(164,  
137, 26) }
```

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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