

Converting Colors

XYZ(25.9034, 22.9864, 4.7580)

Have a look what the booklet for
XYZ(25.9034, 22.9864, 4.7580)
contains.

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Color

**XYZ(25.8529, 22.9080,
4.7282)**

Conversions

Conversions Part 1

Format	Color
Hex	B57624
RGB	181, 118, 36
RGB Percent	71%, 46%, 14%
CMY	0.2902, 0.5372, 0.8588
CMYK	0.00, 0.35, 0.80, 0.29
HSL	34°, 67%, 43%
HSV	34°, 80%, 71%
XYZ	25.8529, 22.9080, 4.7282
YIQ	127.4890, 63.8700, -12.1460

Conversions

Conversions Part 2

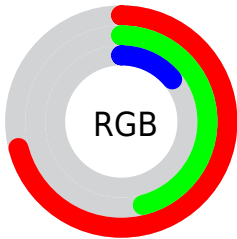
Format	Color
RYB	147, 181, 36
Decimal	11892260
CIELab	54.98, 18.02, 52.08
CIELCh	55, 55.108, 70.909
Yxy	22.9080, 0.4833, 0.4283
Android (android.graphics.Color)	4290082340 (0xFFB57624)
YUV	127.4890, -45.1041, 46.9291
Hunter-Lab	47.8623, 12.6580, 27.6465

Details

The XYZ color **25.8529, 22.9080, 4.7282** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **13.5297, 12.6345, 45.4412**, and the grayscale version is **20.4771, 21.5435, 23.4609**.

A 20% lighter version of the original color is **52.3707, 48.1383, 15.5482**, and **10.3585, 8.5913, 1.1123** is the 20% darker color. If you saturate the color by 10%, you get **24.7555, 21.0495, 3.3263**, and if you desaturate by 10%, it is **27.1683, 24.9792, 6.8923**.

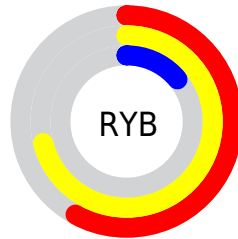
Distribution



Red (71%)

Green (46%)

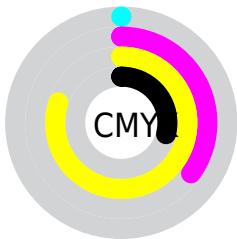
Blue (14%)



Red (58%)

Yellow (71%)

Blue (14%)

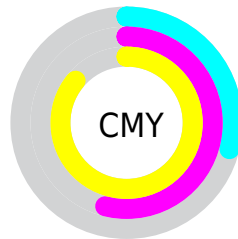


Cyan (0%)

Magenta (35%)

Yellow (80%)

Black (29%)



Cyan (29%)


Magenta (54%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8529, 22.9080, 4.7282 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 25.8529, 22.9080, 4.7282 by changing the saturation by 10% instead.


 25.8529, 22.9080,
4.7282


 25.8529, 22.9080,
4.7282


274.3292,
267.2521, 156.0047


 16.8457, 14.5256,
2.0328


 52.4705, 48.2422,
15.6571


 10.2192, 8.4871,
0.5753


 70.8117, 65.9628,
24.7277

 5.6079, 4.4082,
0.0000

 92.9949, 87.5649,
36.7604

 2.6465, 1.9044,
0.0000

 119.3856,
113.4330, 52.1738

 0.9697, 0.5510,
0.0000

 150.3489,
143.9513, 71.3864

 0.0000, 0.0000,
0.0000

 186.2504,

179.5043, 94.8167

227.4554,
220.4765, 122.8833

■ 25.8529, 22.9080,
4.7282

■ 25.8529, 22.9080,
4.7282

■ 24.7555, 21.0495,
3.3263

■ 27.1683, 24.9792,
6.8923

■ 23.8430, 19.3980,
2.4875

■ 28.7204, 27.2705,
9.9157

■ 30.5273, 29.7930,
13.8823

■ 32.6045, 32.5556,
18.8655

■ 34.9660, 35.5665,
24.9314

■ 37.6250, 38.8334,
32.1404

■ 40.5933, 42.3638,
40.5484

■ 43.8825, 46.1645,
50.2078

■ 47.5031, 50.2422,
61.1676

Harmonies

Analogous

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



31.9310, 22.9080, 8.7439



25.8529, 22.9080, 4.7282



19.6217, 22.9080, 4.3293

Triad

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



25.8529, 22.9080, 4.7282



12.1430, 22.9080, 31.8788



30.4230, 22.9080, 60.0599

Complementary

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



25.8529, 22.9080, 4.7282



13.5297, 12.6345, 45.4412

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.



24.0768, 22.9080, 74.8186



25.8529, 22.9080, 4.7282



14.0367, 22.9080, 54.1567

Square

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



25.8529, 22.9080, 4.7282



12.4398, 22.9080, 15.4651



18.1473, 22.9080, 72.2600



34.8923, 22.9080, 37.6673

Rectangle

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



25.8529, 22.9080, 4.7282



16.2715, 22.9080, 5.7632



18.1473, 22.9080, 72.2600



28.3937, 22.9080, 66.4637

Sweetspot

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



25.8534, 22.9092, 4.7286



65.2755, 66.9820, 51.7639



22.0482, 12.0301, 13.5366



13.7515, 14.0372, 10.2257



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.8534, 22.9092, 4.7286



43.0912, 35.4362, 4.8382



34.2420, 42.1447, 7.9993



8.8818, 9.2760, 8.9749



16.5070, 13.5126, 1.7382



0.5761, 0.5386, 0.0736

Inverse Universe

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



13.5297, 12.6345, 45.4412



20.3368, 16.5990, 80.4267



9.9783, 5.1172, 44.1774



8.3355, 8.8173, 10.7689



7.7256, 6.2516, 30.9365



0.3015, 0.3135, 0.9929

Previews

White Background



This preview shows how the XYZ color 25.8529, 22.9080, 4.7282 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 25.8529, 22.9080, 4.7282 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 25.8529, 22.9080, 4.7282

Background



This preview shows how black text looks on a background with the XYZ color 25.8529, 22.9080, 4.7282.



This preview shows how white text looks on a background with the XYZ color 25.8529, 22.9080,

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

25.8529, 22.9080, 4.7282

Protanopia

20.8470, 22.9516, 5.3388

Deuteranopia

23.3340, 22.8840, 4.6261



Tritanopia

29.0956, 22.8990, 20.0260

Trichromacy



Original Color

25.8529, 22.9080, 4.7282

Protanomaly

22.4528, 22.7988, 5.1367

Deuteranomaly

24.0429, 22.6925, 4.6263

Tritanomaly

27.4337, 22.7052, 12.1691

Monochromacy



Original Color

25.8529, 22.9080, 4.7282

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.2607, 21.4265, 13.6048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8529, 22.9080, 4.7282 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(181, 118, 36)` looks like.

```
.text, #text, p{  
    color:rgb(181, 118, 36)  
}
```

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(181, 118, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 118, 36) }
```

Border

The CSS property to change the border of an element to XYZ 25.8529, 22.9080, 4.7282 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(181, 118, 36) }
```


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

```
.border{ border-color:rgb(181, 118, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 118, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 118, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 118, 36);  
box-shadow:4px 4px 4px 4px rgb(181, 118,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8529, 22.9080, 4.7282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 118, 36) }
```

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

```
.background{ background-color: rgb(181,  
118, 36) }
```

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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