

Converting Colors

XYZ(26.5108, 22.5994, 2.9649)

Have a look what the booklet for
XYZ(26.5108, 22.5994, 2.9649)
contains.

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Color

**XYZ(26.5108, 22.5994,
2.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7200
RGB	187, 114, 0
RGB Percent	73%, 45%, 0%
CMY	0.2667, 0.5529, 1.0000
CMYK	0.00, 0.39, 1.00, 0.27
HSL	37°, 100%, 37%
HSV	37°, 100%, 73%
XYZ	26.5108, 22.5994, 2.9649
YIQ	122.8310, 80.1020, -19.9780

Conversions

Conversions Part 2

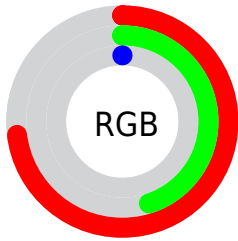
Format	Color
R_{YB}	120, 187, 0
Decimal	12284416
CIE Lab	54.66, 22.13, 61.65
CIE LCh	55, 65.504, 70.255
Yxy	22.5994, 0.5091, 0.4340
Android (android.graphics.Color)	4290474496 (0xFFBB7200)
YUV	122.8310, -60.5557, 56.2762
Hunter-Lab	47.5388, 16.3505, 29.5794

Details

The XYZ color **26.5108, 22.5994, 2.9649** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.3524, 8.3533, 48.0273**, and the grayscale version is **18.9467, 19.9334, 21.7075**.

A 20% lighter version of the original color is **53.6865, 47.8055, 11.5521**, and **10.8503, 8.4856, 1.0660** is the 20% darker color. If you saturate the color by 10%, you get **26.5109, 22.5998, 2.9649**, and if you desaturate by 10%, it is **27.4829, 24.3598, 3.8565**.

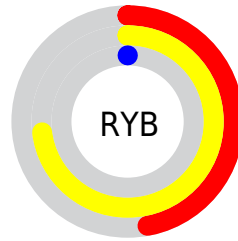
Distribution



Red (73%)

Green (45%)

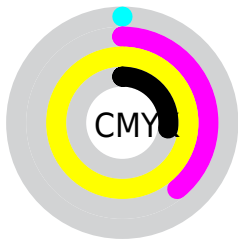
Blue (0%)



Red (47%)

Yellow (73%)

Blue (0%)

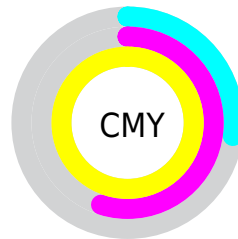


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5108, 22.5994, 2.9649 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 26.5108, 22.5994, 2.9649 by changing the saturation by 10% instead.

 26.5108, 22.5994,
2.9649


 26.5108, 22.5994,
2.9649


277.4916,
265.6607, 135.9123


 17.3408, 14.2980,
1.0767


 53.5233, 47.7347,
11.5417


 10.5746, 8.3282,
0.0000


 72.0966, 65.3374,
19.0674

 5.8467, 4.3057,
0.0000

 94.5350, 86.8093,
29.3094

 2.7919, 1.8460,
0.0000

 121.2039,
112.5348, 42.6862

 1.0447, 0.5156,
0.0000

 152.4686,
142.8983, 59.6164

 0.0000, 0.0000,
0.0000

 188.6946,

178.2842, 80.5184

230.2471,
219.0768, 105.8109

26.5108, 22.5994,
2.9649

26.5108, 22.5994,
2.9649

26.5109, 22.5998,
2.9649

27.4829, 24.3598,
3.8565

28.6320, 26.2975,
5.3510

30.0005, 28.4328,
7.6622

31.6099, 30.7764,
10.8967

33.4787, 33.3380,
15.1448

■ 35.6230, 36.1260,
20.4857

■ 38.0577, 39.1485,
26.9908

■ 40.7962, 42.4129,
34.7254

■ 43.8513, 45.9261,
43.7499

Harmonies

Analogous

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



33.8887, 22.5994, 6.8373



26.5108, 22.5994, 2.9649



19.1059, 22.5994, 2.5693

Triad

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



26.5108, 22.5994, 2.9649



10.5245, 22.5994, 32.3716



31.7385, 22.5994, 69.0313

Complementary

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



26.5108, 22.5994, 2.9649



11.3524, 8.3533, 48.0273

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.



24.0432, 22.5994, 87.9778



26.5108, 22.5994, 2.9649



12.5438, 22.5994, 60.2008

Square

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



26.5108, 22.5994, 2.9649



10.8977, 22.5994, 13.4856



17.1297, 22.5994, 84.0633



37.3439, 22.5994, 40.6000

Rectangle

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



26.5108, 22.5994, 2.9649



15.2262, 22.5994, 3.7795



17.1297, 22.5994, 84.0633



29.2474, 22.5994, 77.2840

Sweetspot

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



26.5113, 22.6006, 2.9653



67.9357, 69.8404, 47.7197



21.7567, 11.0702, 7.6117



14.5419, 14.8655, 9.3739



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.5113, 22.6006, 2.9653



47.2444, 40.0027, 5.2312



33.9826, 43.8981, 6.6824



10.0011, 10.4781, 10.0720



18.3382, 15.7152, 2.0668



0.7802, 0.7393, 0.1016

Inverse Universe

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



11.3524, 8.3533, 48.0273



20.1177, 14.5321, 85.9461



9.2325, 3.7235, 47.2453



9.3137, 9.8198, 12.0767



7.8874, 5.8865, 33.1134



0.3729, 0.3584, 1.3184

Previews

White Background



This preview shows how the XYZ color 26.5108, 22.5994, 2.9649 looks on a white background.

Color Contrast Check

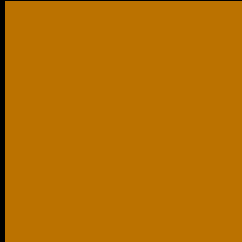
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5108, 22.5994, 2.9649 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 26.5108, 22.5994, 2.9649

Background



This preview shows how black text looks on a background with the XYZ color 26.5108, 22.5994, 2.9649.



This preview shows how white text looks on a background with the XYZ color 26.5108, 22.5994,

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

26.5108, 22.5994, 2.9649

Protanopia

20.5433, 22.8301, 3.7394

Deuteranopia

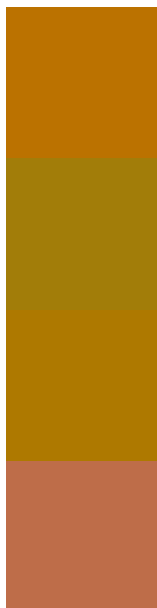
23.0595, 22.7742, 3.1805



Tritanopia

29.6772, 22.5993, 18.7175

Trichromacy



Original Color

26.5108, 22.5994, 2.9649

Protanomaly

22.2832, 22.3683, 3.4015

Deuteranomaly

24.2929, 22.6734, 3.0960

Tritanomaly

27.9064, 22.3655, 9.1495

Monochromacy



Original Color

26.5108, 22.5994, 2.9649

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.9457, 20.0940, 10.0350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5108, 22.5994, 2.9649 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(187, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(187, 114, 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(187, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 114, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5108, 22.5994, 2.9649 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(187, 114, 0) }
```


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

```
.border{ border-color:rgb(187, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(187, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(187, 114,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5108, 22.5994, 2.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 114, 0) }
```

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

```
.background{ background-color: rgb(187,  
114, 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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