

Converting Colors

XYZ(25.2995, 21.6409, 0.3108)

Have a look what the booklet for
XYZ(25.2995, 21.6409, 0.3108)
contains.

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Color

**XYZ(25.8018, 21.9026,
2.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	B97000
RGB	185, 112, 0
RGB Percent	73%, 44%, 0%
CMY	0.2745, 0.5608, 1.0000
CMYK	0.00, 0.39, 1.00, 0.27
HSL	36°, 100%, 36%
HSV	36°, 100%, 73%
XYZ	25.8018, 21.9026, 2.8677
YIQ	121.0590, 79.4600, -19.3560

Conversions

Conversions Part 2

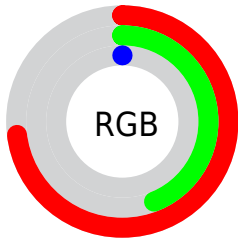
Format	Color
R_{YB}	121, 185, 0
Decimal	12152832
CIE _{Lab}	53.92, 22.35, 61.05
CIE _{LCh}	54, 65.016, 69.890
Yxy	21.9026, 0.5102, 0.4331
Android (android.graphics.Color)	4290342912 (0xFFB97000)
YUV	121.0590, -59.6821, 56.0763
Hunter-Lab	46.8002, 16.5099, 29.1271

Details

The XYZ color **25.8018, 21.9026, 2.8677** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.1396, 8.2680, 46.9075**, and the grayscale version is **18.3628, 19.3191, 21.0385**.

A 20% lighter version of the original color is **52.2356, 46.5254, 11.2282**, and **10.4376, 8.1024, 1.0138** is the 20% darker color. If you saturate the color by 10%, you get **25.8020, 21.9032, 2.8678**, and if you desaturate by 10%, it is **26.7540, 23.6259, 3.7444**.

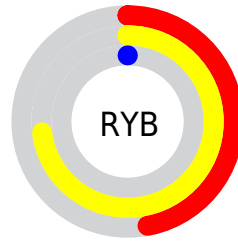
Distribution



Red (73%)

Green (44%)

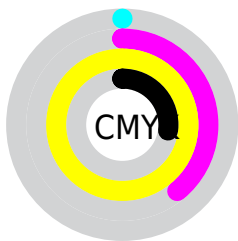
Blue (0%)



Red (47%)

Yellow (73%)

Blue (0%)

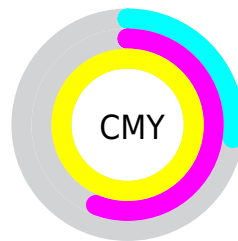


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8018, 21.9026, 2.8677 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 25.8018, 21.9026, 2.8677 by changing the saturation by 10% instead.


 25.8018, 21.9026,
2.8677


 25.8018, 21.9026,
2.8677


274.0823,
262.0372, 134.6573


 16.8073, 13.7853,
1.0275


 52.3886, 46.5850,
11.3002


 10.1917, 7.9715,
0.0000


 70.7117, 63.9189,
18.7296


 5.5895, 4.0767,
0.0000

 92.8749, 85.0938,
28.8590

 2.6354, 1.7166,
0.0000

 119.2438,
110.4941, 42.1072


 0.9640, 0.4344,
0.0000


 150.1836,
140.5042, 58.8926


 0.0000, 0.0000,
0.0000


 186.0598,


175.5085, 79.6337


 227.2375,
215.8914, 104.7491


 25.8018, 21.9026,
2.8677


 25.8018, 21.9026,
2.8677


 25.8020, 21.9032,
2.8678

 26.7540, 23.6259,
3.7444

 27.8799, 25.5247,
5.2081

 29.2212, 27.6187,
7.4692

 30.7987, 29.9187,
10.6313

 32.6306, 32.4340,
14.7822

■ 34.7326, 35.1731,
19.9991

■ 37.1192, 38.1437,
26.3517

■ 39.8036, 41.3532,
33.9035

■ 42.7982, 44.8085,
42.7134

Harmonies

Analogous

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



32.9600, 21.9026, 6.6752



25.8018, 21.9026, 2.8677



18.5884, 21.9026, 2.4558

Triad

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



25.8018, 21.9026, 2.8677



10.1664, 21.9026, 31.1084



30.7083, 21.9026, 67.3918

Complementary

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



25.8018, 21.9026, 2.8677



11.1396, 8.2680, 46.9075

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.



23.2186, 21.9026, 85.6288



25.8018, 21.9026, 2.8677



12.0974, 21.9026, 58.1376

Square

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



25.8018, 21.9026, 2.8677



10.5564, 21.9026, 12.8902



16.5208, 21.9026, 81.5253



36.2045, 21.9026, 39.7256

Rectangle

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



25.8018, 21.9026, 2.8677



14.7998, 21.9026, 3.5998



16.5208, 21.9026, 81.5253



28.2792, 21.9026, 75.3775

Sweetspot

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



25.8023, 21.9037, 2.8681



66.2570, 68.0427, 46.5847



21.2437, 10.8088, 7.4458



13.8870, 14.1798, 8.9716



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.8023, 21.9037, 2.8681



45.9771, 38.7601, 5.0582



33.1799, 42.8590, 6.5240



9.4447, 9.8924, 9.5185



17.6415, 15.0594, 1.9769



0.6804, 0.6479, 0.0892

Inverse Universe

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



11.1396, 8.2680, 46.9075



19.7382, 14.3825, 83.9404



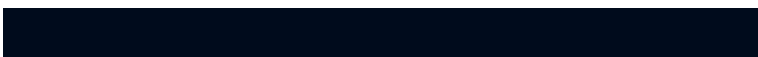
9.0160, 3.6364, 46.1255



8.8040, 9.2853, 11.4077



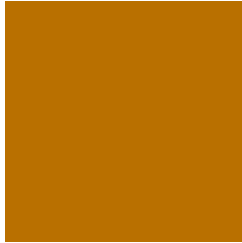
7.6516, 5.7629, 31.9621



0.3307, 0.3250, 1.1470

Previews

White Background



This preview shows how the XYZ color 25.8018, 21.9026, 2.8677 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 25.8018, 21.9026, 2.8677 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 25.8018, 21.9026, 2.8677

Background



This preview shows how black text looks on a background with the XYZ color 25.8018, 21.9026, 2.8677.



This preview shows how white text looks on a background with the XYZ color 25.8018, 21.9026,

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

25.8018, 21.9026, 2.8677

Protanopia

19.9160, 22.1080, 3.6330

Deuteranopia

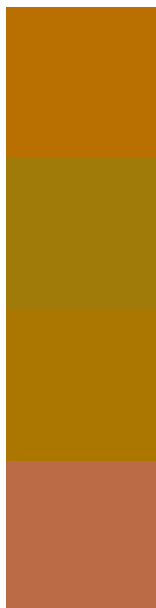
22.3928, 22.0584, 3.0775



Tritanopia

28.8612, 21.8893, 18.0331

Trichromacy



Original Color

25.8018, 21.9026, 2.8677

Protanomaly

21.6295, 21.6592, 3.2991

Deuteranomaly

23.6101, 21.9643, 2.9951

Tritanomaly

27.1341, 21.6617, 8.7122

Monochromacy



Original Color

25.8018, 21.9026, 2.8677

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.3196, 19.4220, 9.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8018, 21.9026, 2.8677 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(185, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 112, 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(185, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8018, 21.9026, 2.8677 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(185, 112, 0) }
```


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

```
.border{ border-color:rgb(185, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8018, 21.9026, 2.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 112, 0) }
```

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

```
.background{ background-color: rgb(185,  
112, 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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