

Converting Colors

XYZ(25.7382, 21.6536, 3.0097)

Have a look what the booklet for
XYZ(25.7382, 21.6536, 3.0097)
contains.

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Color

**XYZ(25.7304, 21.6985,
3.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	B96F07
RGB	185, 111, 7
RGB Percent	73%, 44%, 3%
CMY	0.2745, 0.5647, 0.9725
CMYK	0.00, 0.40, 0.96, 0.27
HSL	35°, 93%, 38%
HSV	35°, 96%, 73%
XYZ	25.7304, 21.6985, 3.0331
YIQ	121.2700, 77.4880, -16.6560

Conversions

Conversions Part 2

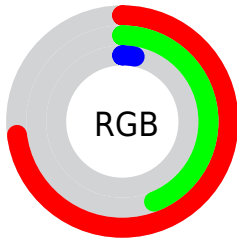
Format	Color
R_{YB}	134, 185, 7
Decimal	12152583
CIE _{Lab}	53.71, 22.99, 59.55
CIE _{LCh}	54, 63.839, 68.888
Yxy	21.6985, 0.5099, 0.4300
Android (android.graphics.Color)	4290342663 (0xFFB96F07)
YUV	121.2700, -56.3351, 55.8912
Hunter-Lab	46.5816, 17.0805, 28.7466

Details

The XYZ color **25.7304, 21.6985, 3.0331** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.7871, 9.4330, 47.0982**, and the grayscale version is **18.4214, 19.3808, 21.1057**.

A 20% lighter version of the original color is **52.1466, 46.2046, 11.6388**, and **10.3817, 7.9906, 0.9952** is the 20% darker color. If you saturate the color by 10%, you get **25.3798, 21.0589, 2.7271**, and if you desaturate by 10%, it is **26.7492, 23.5080, 4.0763**.

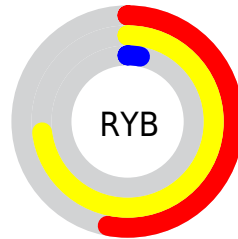
Distribution



Red (73%)

Green (44%)

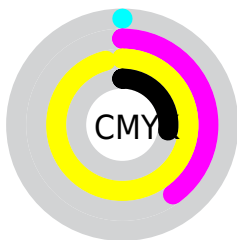
Blue (3%)



Red (53%)

Yellow (73%)

Blue (3%)

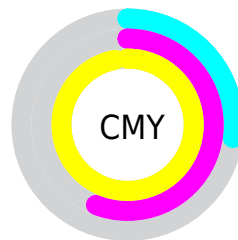


Cyan (0%)

Magenta (40%)

Yellow (96%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7304, 21.6985, 3.0331 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 25.7304, 21.6985, 3.0331 by changing the saturation by 10% instead.

■ 25.7304, 21.6985,
3.0331

■ 25.7304, 21.6985,
3.0331

273.7371,
260.9677, 136.7811

■ 16.7537, 13.6355,
1.1116

■ 52.2741, 46.2472,
11.7100

■ 10.1532, 7.8676,
0.0000

■ 70.5718, 63.5017,
19.3025

■ 5.5637, 4.0104,
0.0000

■ 92.7072, 84.5888,
29.6223

■ 2.6198, 1.6794,
0.0000

■ 119.0456,
109.8929, 43.0880

■ 0.9560, 0.4102,
0.0000

■ 149.9525,
139.7985, 60.1182

■ 0.0000, 0.0000,
0.0000

■ 185.7931,

174.6899, 81.1315

■ 226.9329,
214.9515, 106.5462

■ 25.7304, 21.6985,
3.0331

■ 25.7304, 21.6985,
3.0331

■ 25.3798, 21.0589,
2.7271

■ 26.7492, 23.5080,
4.0763

■ 27.9726, 25.5169,
5.8345

■ 29.4267, 27.7392,
8.4339

■ 31.1315, 30.1855,
11.9715

■ 33.1041, 32.8652,
16.5306

■ 35.3602, 35.7870,
22.1855

■ 37.9138, 38.9589,
29.0033

■ 40.7782, 42.3886,
37.0457

■ 43.9654, 46.0831,
46.3702

Harmonies

Analogous

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



32.6419, 21.6985, 6.9956



25.7304, 21.6985, 3.0331



18.6585, 21.6985, 2.5351

Triad

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



25.7304, 21.6985, 3.0331



10.1713, 21.6985, 29.9338



30.0268, 21.6985, 66.7175

Complementary

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



25.7304, 21.6985, 3.0331



11.7871, 9.4330, 47.0982

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.



22.7224, 21.6985, 83.7596



25.7304, 21.6985, 3.0331



11.9903, 21.6985, 56.0211

Square

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



25.7304, 21.6985, 3.0331



10.6303, 21.6985, 12.4943



16.2419, 21.6985, 79.0275



35.4789, 21.6985, 39.9467

Rectangle

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



25.7304, 21.6985, 3.0331



14.9024, 21.6985, 3.6161



16.2419, 21.6985, 79.0275



27.6489, 21.6985, 74.2984

Sweetspot

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



25.7309, 21.6996, 3.0335



66.3520, 67.8726, 47.7266



21.5751, 11.0630, 8.8164



13.8885, 14.1149, 9.1819



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.



25.7309, 21.6996, 3.0335



45.2193, 37.2446, 4.8056



34.0009, 43.2777, 6.7626



9.4288, 9.8605, 9.5132



17.3547, 14.4857, 1.8813



0.6714, 0.6298, 0.0862

Inverse Universe

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



11.7871, 9.4330, 47.0982



20.2070, 15.3202, 84.0967



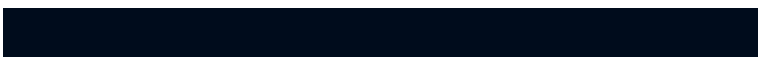
9.1603, 3.8236, 46.1539



8.8196, 9.3164, 11.4128



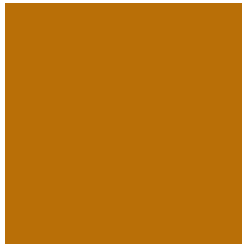
7.8338, 6.1273, 32.0229



0.3376, 0.3389, 1.1494

Previews

White Background



This preview shows how the XYZ color 25.7304, 21.6985, 3.0331 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 25.7304, 21.6985, 3.0331 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 25.7304, 21.6985, 3.0331

Background



This preview shows how black text looks on a background with the XYZ color 25.7304, 21.6985, 3.0331.



This preview shows how white text looks on a background with the XYZ color 25.7304, 21.6985,

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

25.7304, 21.6985, 3.0331

Protanopia

19.6208, 21.7577, 3.6557

Deuteranopia

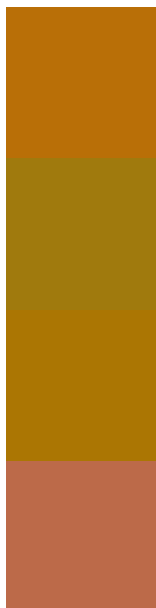
22.0638, 21.7056, 3.0267



Tritanopia

28.7058, 21.6670, 17.7081

Trichromacy



Original Color

25.7304, 21.6985, 3.0331

Protanomaly

21.5294, 21.4217, 3.3809

Deuteranomaly

23.2895, 21.6214, 3.0320

Tritanomaly

27.0957, 21.4805, 9.0214

Monochromacy



Original Color

25.7304, 21.6985, 3.0331

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.3109, 19.2311, 10.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7304, 21.6985, 3.0331 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, 111, 7)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 7)  
}
```

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, 111, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 7) }
```

Border

The CSS property to change the border of an element to XYZ 25.7304, 21.6985, 3.0331 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, 111, 7) }
```


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

```
.border{ border-color:rgb(185, 111, 7) }
```

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

Here you see how a box with a 4 pixel rgb(185, 111, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 111, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 111, 7);  
box-shadow:4px 4px 4px 4px rgb(185, 111,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7304, 21.6985, 3.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 111, 7) }
```

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

```
.background{ background-color: rgb(185,  
111, 7) }
```

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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