

Converting Colors

XYZ(24.7301, 22.7067, 3.6517)

Have a look what the booklet for
XYZ(24.7301, 22.7067, 3.6517)
contains.

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Color

**XYZ(24.7301, 22.7067,
3.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	B07812
RGB	176, 120, 18
RGB Percent	69%, 47%, 7%
CMY	0.3098, 0.5294, 0.9294
CMYK	0.00, 0.32, 0.90, 0.31
HSL	39°, 81%, 38%
HSV	39°, 90%, 69%
XYZ	24.7301, 22.7067, 3.6517
YIQ	125.1160, 66.1180, -19.8500

Conversions

Conversions Part 2

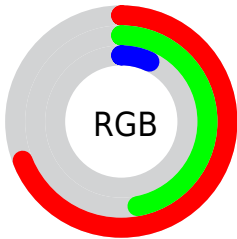
Format	Color
R_{YB}	105, 176, 18
Decimal	11565074
CIE _{Lab}	54.77, 14.16, 57.52
CIE _{LCh}	55, 59.236, 76.166
Yxy	22.7067, 0.4841, 0.4445
Android (android.graphics.Color)	4289755154 (0xFFB07812)
YUV	125.1160, -52.8082, 44.6253
Hunter-Lab	47.6515, 9.2473, 28.8125

Details

The XYZ color **24.7301, 22.7067, 3.6517** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.5347, 8.1608, 42.0938**, and the grayscale version is **19.6896, 20.7150, 22.5586**.

A 20% lighter version of the original color is **50.6146, 47.8459, 13.2241**, and **9.7886, 8.4863, 1.1221** is the 20% darker color. If you saturate the color by 10%, you get **23.8976, 21.2131, 2.8467**, and if you desaturate by 10%, it is **25.7087, 24.3388, 4.9805**.

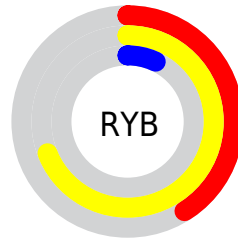
Distribution



Red (69%)

Green (47%)

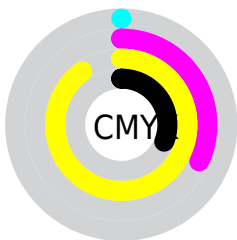
Blue (7%)



Red (41%)

Yellow (69%)

Blue (7%)

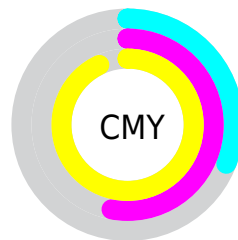


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7301, 22.7067, 3.6517 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 24.7301, 22.7067, 3.6517 by changing the saturation by 10% instead.

■ 24.7301, 22.7067,
3.6517

■ 24.7301, 22.7067,
3.6517

268.8636,
266.2150, 144.2716

■ 16.0037, 14.3771,
1.4363

■ 50.6651, 47.9113,
13.1982

■ 9.6177, 8.3834,
0.1698

■ 68.6044, 65.5550,
21.3663

■ 5.2065, 4.3412,
0.0000

■ 90.3455, 87.0723,
32.3557

■ 2.4049, 1.8662,
0.0000

■ 116.2536,
112.8474, 46.5850

■ 0.8476, 0.5280,
0.0000

■ 146.6941,
143.2649, 64.4727

■ 0.0000, 0.0000,
0.0000

■ 182.0323,

178.7090, 86.4373

222.6338,
219.5643, 112.8974

24.7301, 22.7067,
3.6517

24.7301, 22.7067,
3.6517

23.8976, 21.2131,
2.8467

25.7087, 24.3388,
4.9805

23.8792, 21.1799,
2.8296

26.8682, 26.1220,
7.0190

28.2272, 28.0660,
9.8581

29.8012, 30.1784,
13.5752

31.6038, 32.4661,
18.2380

■ 33.6474, 34.9351,
23.9079

■ 35.9434, 37.5914,
30.6409

■ 38.5024, 40.4405,
38.4888

■ 41.3343, 43.4874,
47.5001

Harmonies

Analogous

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



31.5135, 22.7067, 6.7834



24.7301, 22.7067, 3.6517



18.2672, 22.7067, 3.7587

Triad

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



24.7301, 22.7067, 3.6517



11.6183, 22.7067, 36.1658



31.9816, 22.7067, 58.9871

Complementary

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



24.7301, 22.7067, 3.6517



10.5347, 8.1608, 42.0938

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.



25.2755, 22.7067, 77.9416



24.7301, 22.7067, 3.6517



13.9929, 22.7067, 60.8573

Square

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



24.7301, 22.7067, 3.6517



11.5309, 22.7067, 17.0746



18.7132, 22.7067, 78.7601



36.2373, 22.7067, 34.3717

Rectangle

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



24.7301, 22.7067, 3.6517



14.9800, 22.7067, 5.5586



18.7132, 22.7067, 78.7601



29.8847, 22.7067, 66.6760

Sweetspot

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



24.7306, 22.7079, 3.6521



61.9412, 64.4376, 45.9921



19.4230, 10.1837, 7.7679



13.1391, 13.6294, 9.1516



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.7306, 22.7079, 3.6521



43.0884, 37.9715, 5.0582



29.1392, 38.0560, 6.3823



8.9386, 9.3897, 8.9938



17.5775, 15.6535, 2.0950



0.6056, 0.5975, 0.0834

Inverse Universe

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



10.5347, 8.1608, 42.0938



17.1803, 11.6201, 75.8327



8.8922, 4.0001, 41.3773



8.2802, 8.7066, 10.7505



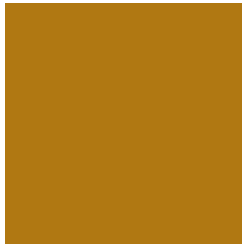
7.0794, 4.9592, 30.7211



0.2790, 0.2686, 0.9854

Previews

White Background



This preview shows how the XYZ color 24.7301, 22.7067, 3.6517 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 24.7301, 22.7067, 3.6517 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 24.7301, 22.7067, 3.6517

Background



This preview shows how black text looks on a background with the XYZ color 24.7301, 22.7067, 3.6517.



This preview shows how white text looks on a background with the XYZ color 24.7301, 22.7067,

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

24.7301, 22.7067, 3.6517

Protanopia

20.6088, 22.8564, 4.0846

Deuteranopia

23.1321, 22.8033, 3.5630



Tritanopia

28.2404, 22.7682, 20.6756

Trichromacy



Original Color

24.7301, 22.7067, 3.6517

Protanomaly

21.9551, 22.7616, 3.9457

Deuteranomaly

23.7467, 22.7465, 3.5909

Tritanomaly

26.2825, 22.4697, 11.1355

Monochromacy



Original Color

24.7301, 22.7067, 3.6517

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2643, 20.7671, 11.7445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7301, 22.7067, 3.6517 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(176, 120, 18)` looks like.

```
.text, #text, p{  
    color:rgb(176, 120, 18)  
}
```

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(176, 120, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 120, 18) }
```

Border

The CSS property to change the border of an element to XYZ 24.7301, 22.7067, 3.6517 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(176, 120, 18) }
```


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

```
.border{ border-color:rgb(176, 120, 18) }
```

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

Here you see how a box with a 4 pixel rgb(176, 120, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 120, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 120, 18);  
box-shadow:4px 4px 4px 4px rgb(176, 120,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7301, 22.7067, 3.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 120, 18) }
```

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

```
.background{ background-color: rgb(176,  
120, 18) }
```

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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