

Converting Colors

XYZ(22.5725, 15.0760, 1.7490)

Have a look what the booklet for
XYZ(22.5725, 15.0760, 1.7490)
contains.

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Color

**XYZ(22.5725, 15.0760,
1.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4801
RGB	186, 72, 1
RGB Percent	73%, 28%, 0%
CMY	0.2706, 0.7176, 0.9961
CMYK	0.00, 0.61, 0.99, 0.27
HSL	23°, 99%, 37%
HSV	23°, 99%, 73%
XYZ	22.5725, 15.0760, 1.7490
YIQ	97.9920, 90.7350, 2.0870

Conversions

Conversions Part 2

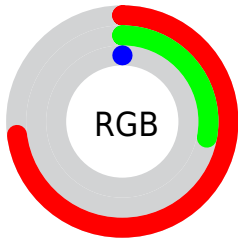
Format	Color
R_{YB}	186, 116, 1
Decimal	12208129
CIE _{Lab}	45.74, 43.52, 55.98
CIE _{LCh}	46, 70.910, 52.137
Yxy	15.0760, 0.5729, 0.3827
Android (android.graphics.Color)	4290398209 (0xFFBA4801)
YUV	97.9920, -47.8171, 77.1830
Hunter-Lab	38.8278, 35.8220, 24.5088

Details

The XYZ color **22.5725, 15.0760, 1.7490** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.0057, 15.8121, 48.7150**, and the grayscale version is **11.7077, 12.3174, 13.4136**.

A 20% lighter version of the original color is **47.0640, 34.8708, 8.3879**, and **8.4975, 4.6557, 0.4508** is the 20% darker color. If you saturate the color by 10%, you get **22.5275, 14.9951, 1.7070**, and if you desaturate by 10%, it is **23.5015, 16.7465, 2.6372**.

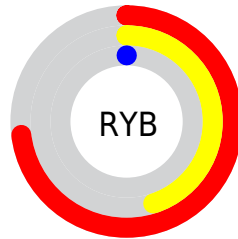
Distribution



Red (73%)

Green (28%)

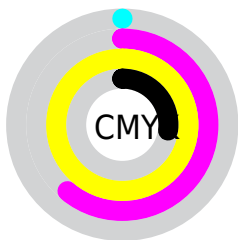
Blue (0%)



Red (73%)

Yellow (45%)

Blue (0%)

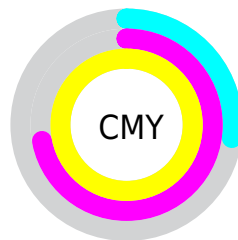


Cyan (0%)

Magenta (61%)

Yellow (99%)

Black (27%)



Cyan (27%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5725, 15.0760, 1.7490 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 22.5725, 15.0760, 1.7490 by changing the saturation by 10% instead.


 22.5725, 15.0760,
1.7490


 22.5725, 15.0760,
1.7490


 258.0981,
223.8258, 118.3488


 14.3971, 8.8727,
0.3940


 47.1623, 34.9865,
8.3425


 8.4809, 4.6583,
0.0000


 64.3073, 49.4624,
14.5231

 4.4586, 2.0482,
0.0000

 85.1730, 67.4648,
23.1843

 1.9647, 0.6352,
0.0000

 110.1247, 89.3779,
34.7447


 0.6140, 0.0000,
0.0000


 139.5277,
115.5861, 49.6228


 0.0000, 0.0000,
0.0000


 173.7474,


146.4739, 68.2372


 213.1491,
182.4257, 91.0063


 22.5725, 15.0760,
1.7490


 22.5725, 15.0760,
1.7490


 22.5275, 14.9951,
1.7070

 23.5015, 16.7465,
2.6372

 24.6885, 18.7520,
4.1693

 26.1775, 21.1212,
6.5424

 27.9943, 23.8745,
9.8621

 30.1615, 27.0302,
14.2182

■ 32.6994, 30.6054,
19.6900

■ 35.6264, 34.6159,
26.3489

■ 38.9598, 39.0768,
34.2604

■ 42.7155, 44.0022,
43.4850

Harmonies

Analogous

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



27.7741, 15.0760, 6.8968



22.5725, 15.0760, 1.7490



15.9542, 15.0760, 0.6023

Triad

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



22.5725, 15.0760, 1.7490



5.7138, 15.0760, 12.3238



19.0936, 15.0760, 69.4102

Complementary

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



22.5725, 15.0760, 1.7490



15.0057, 15.8121, 48.7150

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.



12.8187, 15.0760, 75.0746



22.5725, 15.0760, 1.7490



6.1223, 15.0760, 32.1400

Square

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



22.5725, 15.0760, 1.7490



7.0550, 15.0760, 3.3907



8.3858, 15.0760, 58.3237



25.4085, 15.0760, 45.9054

Rectangle

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



22.5725, 15.0760, 1.7490



12.0533, 15.0760, 0.6666



8.3858, 15.0760, 58.3237



16.8751, 15.0760, 73.9101

Sweetspot

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



22.5728, 15.0769, 1.7492



63.9922, 61.9533, 46.4052



23.3598, 11.7005, 17.2724



13.5846, 12.9509, 9.0548



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.



22.5728, 15.0769, 1.7492



40.6163, 26.7464, 3.0219



33.6051, 37.1414, 5.4267



9.2796, 9.5622, 9.4635



15.2237, 10.2237, 1.1710



0.5973, 0.4816, 0.0615

Inverse Universe

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



15.0057, 15.8121, 48.7150



26.8551, 28.0068, 88.1918



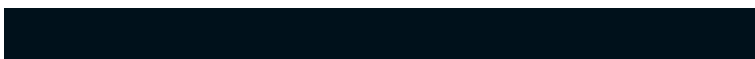
9.1737, 4.1481, 46.7710



8.9693, 9.6159, 11.4628



10.1317, 10.7231, 32.7888



0.4151, 0.4938, 1.1752

Previews

White Background



This preview shows how the XYZ color 22.5725, 15.0760, 1.7490 looks on a white 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

Black Background



This preview shows how the XYZ color 22.5725, 15.0760, 1.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

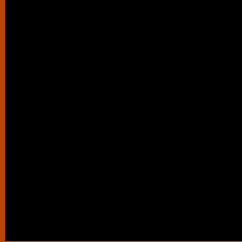
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5725, 15.0760, 1.7490

Background



This preview shows how black text looks on a background with the XYZ color 22.5725, 15.0760, 1.7490.



This preview shows how white text looks on a background with the XYZ color 22.5725, 15.0760,

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

22.5725, 15.0760, 1.7490

Protanopia

13.7546, 15.1952, 2.8241

Deuteranopia

15.4315, 15.3039, 2.1406



Tritanopia

23.8835, 15.1606, 7.6287

Trichromacy



Original Color

22.5725, 15.0760, 1.7490

Protanomaly

16.1033, 14.5033, 2.2985

Deuteranomaly

17.3447, 14.6229, 1.9083

Tritanomaly

23.1148, 15.0183, 4.2653

Monochromacy



Original Color

22.5725, 15.0760, 1.7490

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

13.6755, 12.2495, 6.3462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5725, 15.0760, 1.7490 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(186, 72, 1)` looks like.

```
.text, #text, p{  
    color:rgb(186, 72, 1)  
}
```

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(186, 72, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 72, 1) }
```

Border

The CSS property to change the border of an element to XYZ 22.5725, 15.0760, 1.7490 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(186, 72, 1) }
```


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

```
.border{ border-color:rgb(186, 72, 1) }
```

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

Here you see how a box with a 4 pixel rgb(186, 72, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 72, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 72, 1);  
box-shadow:4px 4px 4px 4px rgb(186, 72, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.5725, 15.0760, 1.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 72, 1) }
```

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

```
.background{ background-color: rgb(186, 72,  
1) }
```

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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