

Converting Colors

XYZ(25.4815, 22.6098, 3.1771)

Have a look what the booklet for
XYZ(25.4815, 22.6098, 3.1771)
contains.

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Color

**XYZ(25.4447, 22.5573,
3.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	B57505
RGB	181, 117, 5
RGB Percent	71%, 46%, 2%
CMY	0.2902, 0.5412, 0.9804
CMYK	0.00, 0.35, 0.97, 0.29
HSL	38°, 95%, 36%
HSV	38°, 97%, 71%
XYZ	25.4447, 22.5573, 3.1565
YIQ	123.3680, 74.0960, -21.2640

Conversions

Conversions Part 2

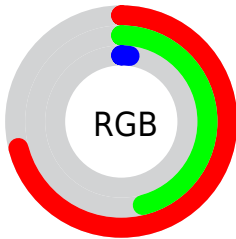
Format	Color
RYB	106, 181, 5
Decimal	11891973
CIELab	54.61, 17.88, 60.31
CIELCh	55, 62.903, 73.486
Yxy	22.5573, 0.4974, 0.4409
Android (android.graphics.Color)	4290082053 (0xFFB57505)
YUV	123.3680, -58.3554, 50.5433
Hunter-Lab	47.4945, 12.5141, 29.3057

Details

The XYZ color **25.4447, 22.5573, 3.1565** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.5313, 7.6249, 44.6323**, and the grayscale version is **19.1192, 20.1149, 21.9051**.

A 20% lighter version of the original color is **51.8493, 47.6705, 11.9374**, and **10.2965, 8.4672, 1.0916** is the 20% darker color. If you saturate the color by 10%, you get **25.2076, 22.1272, 2.9424**, and if you desaturate by 10%, it is **26.3676, 24.1979, 4.0972**.

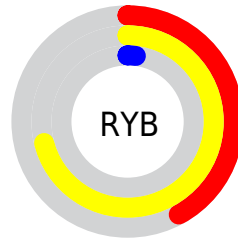
Distribution



Red (71%)

Green (46%)

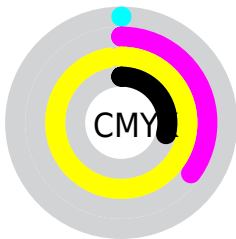
Blue (2%)



Red (42%)

Yellow (71%)

Blue (2%)

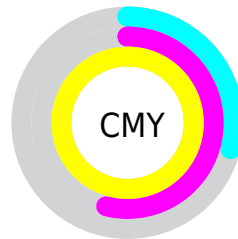


Cyan (0%)

Magenta (35%)

Yellow (97%)

Black (29%)



Cyan (29%)

Magenta (54%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4447, 22.5573, 3.1565 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 25.4447, 22.5573, 3.1565 by changing the saturation by 10% instead.

■ 25.4447, 22.5573,
3.1565

■ 25.4447, 22.5573,
3.1565

272.3524,
265.4430, 138.3296

■ 16.5392, 14.2670,
1.1751

■ 51.8155, 47.6654,
12.0122

■ 9.9997, 8.3066,
0.0000

■ 70.0114, 65.2519,
19.7236

■ 5.4611, 4.2917,
0.0000

■ 92.0349, 86.7060,
30.1821

■ 2.5577, 1.8381,
0.0000

■ 118.2512,
112.4120, 43.8062

■ 0.9245, 0.5107,
0.0000

■ 149.0258,
142.7543, 61.0145

■ 0.0000, 0.0000,
0.0000

■ 184.7239,

178.1173, 82.2254

■ 225.7110,
218.8854, 107.8576

■ 25.4447, 22.5573,
3.1565

■ 25.4447, 22.5573,
3.1565

■ 25.2076, 22.1272,
2.9424

■ 26.3676, 24.1979,
4.0972

■ 27.4648, 25.9953,
5.6869

■ 28.7634, 27.9629,
8.0610

■ 30.2821, 30.1098,
11.3126

■ 32.0370, 32.4440,
15.5216

■ 34.0424, 34.9728,
20.7588

■ 36.3113, 37.7028,
27.0885

■ 38.8559, 40.6405,
34.5693

■ 41.6872, 43.7916,
43.2559

Harmonies

Analogous

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



32.6029, 22.5573, 6.5734



25.4447, 22.5573, 3.1565



18.4870, 22.5573, 3.0258

Triad

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



25.4447, 22.5573, 3.1565



10.9375, 22.5573, 34.5523



31.9507, 22.5573, 63.8297

Complementary

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



25.4447, 22.5573, 3.1565



10.5313, 7.6249, 44.6323

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.



24.6920, 22.5573, 83.2952



25.4447, 22.5573, 3.1565



13.1695, 22.5573, 61.1793

Square

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



25.4447, 22.5573, 3.1565



11.0540, 22.5573, 15.2515



17.8793, 22.5573, 82.1259



36.8766, 22.5573, 37.0490

Rectangle

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



25.4447, 22.5573, 3.1565



14.9104, 22.5573, 4.5268



17.8793, 22.5573, 82.1259



29.6423, 22.5573, 71.9585

Sweetspot

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



25.4452, 22.5585, 3.1569



64.0764, 66.3930, 45.7872



20.2012, 10.3687, 6.6548



13.4775, 13.9039, 8.8556



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.4452, 22.5585, 3.1569



44.9232, 39.1826, 5.1953



30.5601, 40.2802, 6.3080



8.9320, 9.3766, 8.9916



17.4455, 15.3896, 2.0510



0.6020, 0.5904, 0.0822

Inverse Universe

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



10.5313, 7.6249, 44.6323



18.2102, 12.5202, 79.7515



8.8867, 3.6985, 43.9611



8.2865, 8.7193, 10.7526



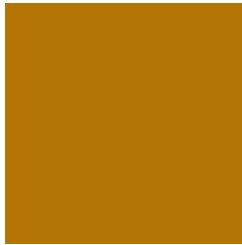
7.1462, 5.0929, 30.7434



0.2816, 0.2736, 0.9862

Previews

White Background



This preview shows how the XYZ color 25.4447, 22.5573, 3.1565 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 25.4447, 22.5573, 3.1565 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 25.4447, 22.5573, 3.1565

Background



This preview shows how black text looks on a background with the XYZ color 25.4447, 22.5573, 3.1565.



This preview shows how white text looks on a background with the XYZ color 25.4447, 22.5573,

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

25.4447, 22.5573, 3.1565

Protanopia

20.5367, 22.8275, 3.7045

Deuteranopia

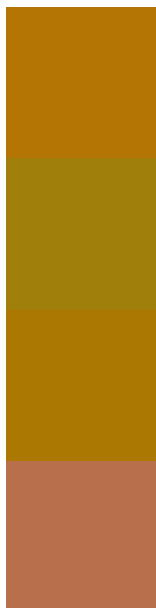
22.9335, 22.5223, 3.1385



Tritanopia

28.9292, 22.6607, 19.6788

Trichromacy



Original Color

25.4447, 22.5573, 3.1565

Protanomaly

22.1414, 22.6742, 3.4968

Deuteranomaly

23.6429, 22.3371, 3.1228

Tritanomaly

26.8658, 22.3005, 9.7259

Monochromacy



Original Color

25.4447, 22.5573, 3.1565

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7869, 20.1832, 10.4423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4447, 22.5573, 3.1565 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(181, 117, 5)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 5)  
}
```

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(181, 117, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 5) }
```

Border

The CSS property to change the border of an element to XYZ 25.4447, 22.5573, 3.1565 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(181, 117, 5) }
```


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

```
.border{ border-color:rgb(181, 117, 5) }
```

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

Here you see how a box with a 4 pixel rgb(181, 117, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 5);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4447, 22.5573, 3.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 5) }
```

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

```
.background{ background-color: rgb(181,  
117, 5) }
```

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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