

Converting Colors

XYZ(25.5190, 22.2957, 3.1566)

Have a look what the booklet for
XYZ(25.5190, 22.2957, 3.1566)
contains.

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Color

**XYZ(25.4605, 22.2219,
3.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	B67307
RGB	182, 115, 7
RGB Percent	71%, 45%, 3%
CMY	0.2863, 0.5490, 0.9725
CMYK	0.00, 0.37, 0.96, 0.29
HSL	37°, 93%, 37%
HSV	37°, 96%, 71%
XYZ	25.4605, 22.2219, 3.1484
YIQ	122.7210, 74.6000, -19.3840

Conversions

Conversions Part 2

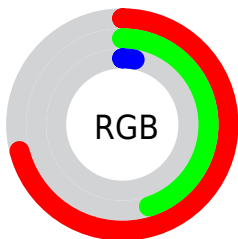
Format	Color
RYB	116, 182, 7
Decimal	11956999
CIELab	54.26, 19.46, 59.75
CIELCh	54, 62.844, 71.959
Yxy	22.2219, 0.5009, 0.4372
Android (android.graphics.Color)	4290147079 (0xFFB67307)
YUV	122.7210, -57.0505, 51.9877
Hunter-Lab	47.1401, 13.9131, 29.0382

Details

The XYZ color **25.4605, 22.2219, 3.1484** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.9801, 8.3206, 45.2829**, and the grayscale version is **18.9004, 19.8847, 21.6545**.

A 20% lighter version of the original color is **51.8550, 47.1218, 11.9926**, and **10.1755, 8.2253, 1.0513** is the 20% darker color. If you saturate the color by 10%, you get **25.1210, 21.6045, 2.8461**, and if you desaturate by 10%, it is **26.4252, 23.9286, 4.1575**.

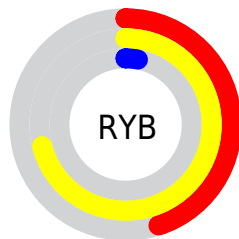
Distribution



Red (71%)

Green (45%)

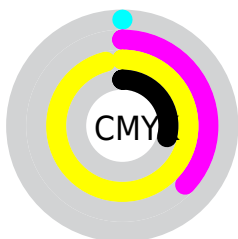
Blue (3%)



Red (45%)

Yellow (71%)

Blue (3%)

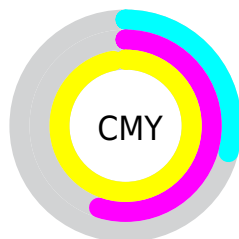


Cyan (0%)

Magenta (37%)

Yellow (96%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4605, 22.2219, 3.1484 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 25.4605, 22.2219, 3.1484 by changing the saturation by 10% instead.

■ 25.4605, 22.2219,
3.1484

■ 25.4605, 22.2219,
3.1484

272.4291,
263.7029, 138.2288

■ 16.5510, 14.0200,
1.1709

■ 51.8408, 47.1125,
11.9925

■ 10.0082, 8.1346,
0.0000

■ 70.0424, 64.5700,
19.6961

■ 5.4667, 4.1812,
0.0000

■ 92.0721, 85.8815,
30.1456

■ 2.5612, 1.7754,
0.0000

■ 118.2952,
111.4314, 43.7594


■ 0.9262, 0.4718,
0.0000


■ 149.0771,
141.6041, 60.9561


■ 0.0000, 0.0000,
0.0000


■ 184.7831,


176.7840, 82.1542


 225.7787,
217.3555, 107.7723


 25.4605, 22.2219,
3.1484


 25.4605, 22.2219,
3.1484

 25.1210, 21.6045,
2.8461

 26.4252, 23.9286,
4.1575

 27.5773, 25.8074,
5.8529

 28.9413, 27.8711,
8.3556

 30.5361, 30.1292,
11.7585

 32.3777, 32.5900,
16.1414

■ 34.4809, 35.2611,
21.5754

■ 36.8589, 38.1497,
28.1249

■ 39.5239, 41.2624,
35.8490

■ 42.4874, 44.6054,
44.8028

Harmonies

Analogous

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



32.4850, 22.2219, 6.7419



25.4605, 22.2219, 3.1484



18.5122, 22.2219, 2.8903

Triad

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



25.4605, 22.2219, 3.1484



10.6928, 22.2219, 32.8677



31.1884, 22.2219, 64.3888

Complementary

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



25.4605, 22.2219, 3.1484



10.9801, 8.3206, 45.2829

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.



23.9646, 22.2219, 82.8933



25.4605, 22.2219, 3.1484



12.7749, 22.2219, 59.1150

Square

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



25.4605, 22.2219, 3.1484



10.9237, 22.2219, 14.3073



17.3054, 22.2219, 80.5656



36.2522, 22.2219, 37.8316

Rectangle

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



25.4605, 22.2219, 3.1484



14.8980, 22.2219, 4.2461



17.3054, 22.2219, 80.5656



28.8733, 22.2219, 72.2687

Sweetspot

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



25.4610, 22.2231, 3.1488



65.3279, 67.3710, 46.7907



20.6063, 10.5928, 7.4528



14.0259, 14.3895, 9.2276



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.



25.4610, 22.2231, 3.1488



45.3094, 38.6989, 5.0816



31.5821, 41.1088, 6.4715



9.4536, 9.9101, 9.5215



17.8061, 15.3886, 2.0318



0.6856, 0.6582, 0.0909

Inverse Universe

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



10.9801, 8.3206, 45.2829



19.0313, 13.5698, 81.8519



8.9828, 3.7684, 44.5095



8.7954, 9.2681, 11.4048



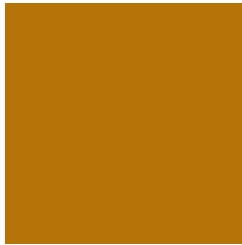
7.5552, 5.5700, 31.9300



0.3269, 0.3175, 1.1458

Previews

White Background



This preview shows how the XYZ color 25.4605, 22.2219, 3.1484 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 25.4605, 22.2219, 3.1484 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 25.4605, 22.2219, 3.1484

Background



This preview shows how black text looks on a background with the XYZ color 25.4605, 22.2219, 3.1484.



This preview shows how white text looks on a background with the XYZ color 25.4605, 22.2219,

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

25.4605, 22.2219, 3.1484

Protanopia

20.2351, 22.4701, 3.7226

Deuteranopia

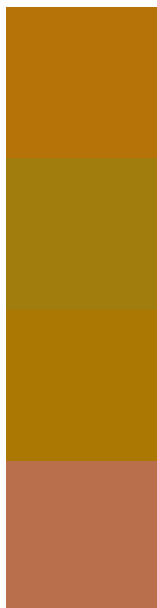
22.7247, 22.4146, 3.1287



Tritanopia

28.8457, 22.3180, 19.0071

Trichromacy



Original Color

25.4605, 22.2219, 3.1484

Protanomaly

21.8972, 22.1674, 3.4724

Deuteranomaly

23.6484, 22.3392, 3.1516

Tritanomaly

26.8880, 21.9880, 9.6644

Monochromacy



Original Color

25.4605, 22.2219, 3.1484

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7033, 19.9563, 10.5981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4605, 22.2219, 3.1484 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(182, 115, 7)` looks like.

```
.text, #text, p{  
    color:rgb(182, 115, 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(182, 115, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 115, 7) }
```

Border

The CSS property to change the border of an element to XYZ 25.4605, 22.2219, 3.1484 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(182, 115, 7) }
```


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

```
.border{ border-color:rgb(182, 115, 7) }
```

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

Here you see how a box with a 4 pixel rgb(182, 115, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 115, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 115, 7);  
box-shadow:4px 4px 4px 4px rgb(182, 115,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4605, 22.2219, 3.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 115, 7) }
```

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

```
.background{ background-color: rgb(182,  
115, 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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