

Converting Colors

XYZ(25.1737, 21.4095, 3.0433)

Have a look what the booklet for
XYZ(25.1737, 21.4095, 3.0433)
contains.

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Color

**XYZ(25.2567, 21.4537,
3.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	B76F08
RGB	183, 111, 8
RGB Percent	72%, 44%, 3%
CMY	0.2824, 0.5647, 0.9686
CMYK	0.00, 0.39, 0.96, 0.28
HSL	35°, 92%, 37%
HSV	35°, 96%, 72%
XYZ	25.2567, 21.4537, 3.0395
YIQ	120.7860, 75.9750, -16.7690

Conversions

Conversions Part 2

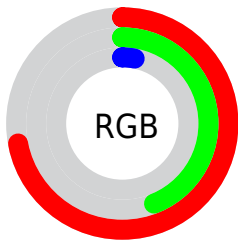
Format	Color
R_{YB}	130, 183, 8
Decimal	12021512
CIE Lab	53.44, 22.13, 59.06
CIE LCh	53, 63.068, 69.458
Yxy	21.4537, 0.5077, 0.4312
Android (android.graphics.Color)	4290211592 (0xFFB76F08)
YUV	120.7860, -55.6035, 54.5617
Hunter-Lab	46.3181, 16.2771, 28.5320

Details

The XYZ color **25.2567, 21.4537, 3.0395** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.5160, 9.2078, 45.9697**, and the grayscale version is **18.2623, 19.2133, 20.9233**.

A 20% lighter version of the original color is **51.4796, 45.8572, 11.7683**, and **10.0897, 7.8401, 0.9815** is the 20% darker color. If you saturate the color by 10%, you get **24.8605, 20.7316, 2.6913**, and if you desaturate by 10%, it is **26.2597, 23.2262, 4.0944**.

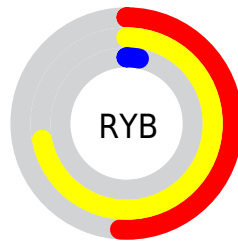
Distribution



Red (72%)

Green (44%)

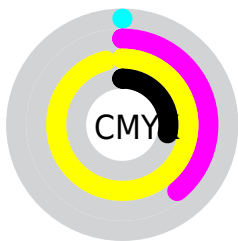
Blue (3%)



Red (51%)

Yellow (72%)

Blue (3%)

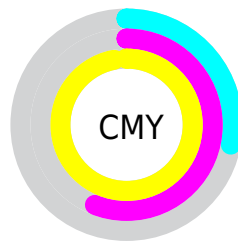


Cyan (0%)

Magenta (39%)

Yellow (96%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2567, 21.4537, 3.0395 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 25.2567, 21.4537, 3.0395 by changing the saturation by 10% instead.


 25.2567, 21.4537,
3.0395


 25.2567, 21.4537,
3.0395


271.4380,
259.6799, 136.8621


 16.3982, 13.4560,
1.1148


 51.5133, 45.8414,
11.7258


 9.8990, 7.7433,
0.0000


 69.6420, 63.0002,
19.3244

 5.3938, 3.9311,
0.0000

 91.5915, 83.9816,
29.6515

 2.5172, 1.6351,
0.0000

 117.7271,
109.1699, 43.1256

 0.9039, 0.3811,
0.0000

 148.4142,
138.9494, 60.1651

 0.0000, 0.0000,
0.0000

 184.0182,

173.7047, 81.1887

224.9043,
213.8201, 106.6148

25.2567, 21.4537,
3.0395

25.2567, 21.4537,
3.0395

24.8605, 20.7316,
2.6913

26.2597, 23.2262,
4.0944

27.4633, 25.1915,
5.8580

28.8916, 27.3626,
8.4475

30.5638, 29.7497,
11.9564

32.4967, 32.3618,
16.4651

■ 34.7051, 35.2073,
22.0455

■ 37.2027, 38.2938,
28.7624

■ 40.0022, 41.6287,
36.6759

■ 43.1155, 45.2187,
45.8413

Harmonies

Analogous

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



32.0498, 21.4537, 6.8770



25.2567, 21.4537, 3.0395



18.3456, 21.4537, 2.5898

Triad

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



25.2567, 21.4537, 3.0395



10.1363, 21.4537, 29.9653



29.7283, 21.4537, 65.0244

Complementary

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



25.2567, 21.4537, 3.0395



11.5160, 9.2078, 45.9697

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.



22.5832, 21.4537, 81.9694



25.2567, 21.4537, 3.0395



11.9704, 21.4537, 55.5485

Square

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



25.2567, 21.4537, 3.0395



10.5461, 21.4537, 12.6528



16.1943, 21.4537, 77.7811



34.9991, 21.4537, 38.8547

Rectangle

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



25.2567, 21.4537, 3.0395



14.6865, 21.4537, 3.7057



16.1943, 21.4537, 77.7811



27.4094, 21.4537, 72.4981

Sweetspot

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



25.2572, 21.4548, 3.0399



64.8433, 66.4019, 46.6292



21.0974, 10.8339, 8.7480



13.9064, 14.1506, 9.1878



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.



25.2572, 21.4548, 3.0399



44.2927, 36.6653, 4.7426



33.2145, 42.2548, 6.6353



9.4320, 9.8670, 9.5143



17.4121, 14.6006, 1.9005



0.6732, 0.6335, 0.0868

Inverse Universe

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



11.5160, 9.2078, 45.9697



19.6351, 14.7774, 82.0532



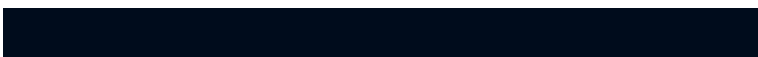
8.9781, 3.7700, 45.0538



8.8164, 9.3101, 11.4118



7.7958, 6.0513, 32.0102



0.3362, 0.3360, 1.1489

Previews

White Background



This preview shows how the XYZ color 25.2567, 21.4537, 3.0395 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 25.2567, 21.4537, 3.0395 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 25.2567, 21.4537, 3.0395

Background



This preview shows how black text looks on a background with the XYZ color 25.2567, 21.4537, 3.0395.



This preview shows how white text looks on a background with the XYZ color 25.2567, 21.4537,

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

25.2567, 21.4537, 3.0395

Protanopia

19.6208, 21.7577, 3.6557

Deuteranopia

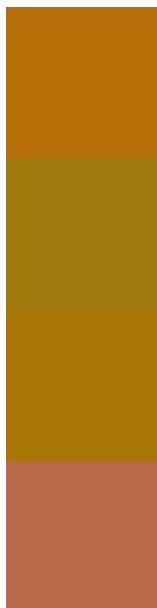
21.8598, 21.6004, 3.0172



Tritanopia

28.2130, 21.4130, 17.6851

Trichromacy



Original Color

25.2567, 21.4537, 3.0395

Protanomaly

21.3303, 21.3191, 3.3715

Deuteranomaly

23.0724, 21.5095, 3.0218

Tritanomaly

26.6398, 21.2416, 9.1745

Monochromacy



Original Color

25.2567, 21.4537, 3.0395

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 25.2567, 21.4537, 3.0395 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(183, 111, 8)` looks like.

```
.text, #text, p{  
    color:rgb(183, 111, 8)  
}
```

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(183, 111, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 111, 8) }
```

Border

The CSS property to change the border of an element to XYZ 25.2567, 21.4537, 3.0395 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(183, 111, 8) }
```


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

```
.border{ border-color:rgb(183, 111, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 111, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 111, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 111, 8);  
box-shadow:4px 4px 4px 4px rgb(183, 111,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2567, 21.4537, 3.0395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 111, 8) }
```

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

```
.background{ background-color: rgb(183,  
111, 8) }
```

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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