

Converting Colors

XYZ(25.0575, 21.0287, 3.0549)

Have a look what the booklet for
XYZ(25.0575, 21.0287, 3.0549)
contains.

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Color

**XYZ(25.0575, 21.0287,
3.0549)**

Conversions

Conversions Part 1

Format	Color
Hex	B76D0B
RGB	183, 109, 11
RGB Percent	72%, 43%, 4%
CMY	0.2824, 0.5725, 0.9568
CMYK	0.00, 0.40, 0.94, 0.28
HSL	34°, 89%, 38%
HSV	34°, 94%, 72%
XYZ	25.0575, 21.0287, 3.0549
YIQ	119.9540, 75.5620, -14.7900

Conversions

Conversions Part 2

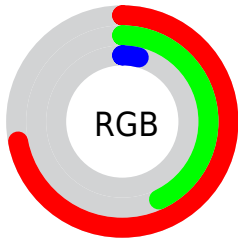
Format	Color
RYB	141, 183, 11
Decimal	12021003
CIELab	52.98, 23.27, 58.16
CIElCh	53, 62.643, 68.191
Yxy	21.0287, 0.5099, 0.4279
Android (android.graphics.Color)	4290211083 (0xFFB76D0B)
YUV	119.9540, -53.7143, 55.2913
Hunter-Lab	45.8571, 17.2872, 28.1502

Details

The XYZ color **25.0575, 21.0287, 3.0549** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.9339, 9.9872, 46.0982**, and the grayscale version is **17.9881, 18.9249, 20.6092**.

A 20% lighter version of the original color is **51.1586, 45.1650, 11.8157**, and **9.9809, 7.6226, 0.9453** is the 20% darker color. If you saturate the color by 10%, you get **24.5058, 20.0223, 2.5731**, and if you desaturate by 10%, it is **26.1010, 22.8517, 4.2175**.

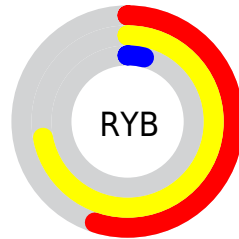
Distribution



Red (72%)

Green (43%)

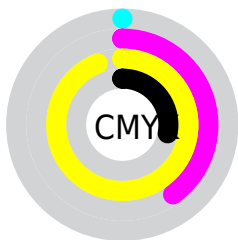
Blue (4%)



Red (55%)

Yellow (72%)

Blue (4%)

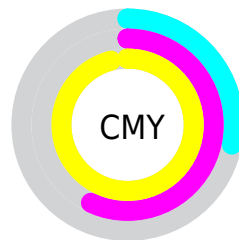


Cyan (0%)

Magenta (40%)

Yellow (94%)

Black (28%)



Cyan (28%)


Magenta (57%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0575, 21.0287, 3.0549 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 25.0575, 21.0287, 3.0549 by changing the saturation by 10% instead.


 25.0575, 21.0287,
3.0549


 25.0575, 21.0287,
3.0549


270.4665,
257.4310, 137.0568


 16.2489, 13.1450,
1.1227


 51.1927, 45.1353,
11.7636


 9.7924, 7.5285,
0.0000


 69.2500, 62.1270,
19.3772

 5.3227, 3.7947,
0.0000

 91.1209, 82.9234,
29.7218

 2.4745, 1.5594,
0.0000

 117.1707,
107.9090, 43.2157

 0.8824, 0.3300,
0.0000

 147.7648,
137.4682, 60.2777

 0.0000, 0.0000,
0.0000

 183.2686,

171.9853, 81.3261

224.0474,
211.8448, 106.7797

25.0575, 21.0287,
3.0549

25.0575, 21.0287,
3.0549

24.5058, 20.0223,
2.5731

26.1010, 22.8517,
4.2175

27.3559, 24.8817,
6.1148

28.8451, 27.1318,
8.8565

30.5876, 29.6123,
12.5336

32.5999, 32.3327,
17.2252

■ 34.8969, 35.3015,
23.0017

■ 37.4925, 38.5269,
29.9273

■ 40.3993, 42.0163,
38.0613

■ 43.6292, 45.7770,
47.4585

Harmonies

Analogous

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



31.6511, 21.0287, 7.0212



25.0575, 21.0287, 3.0549



18.2408, 21.0287, 2.5110

Triad

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



25.0575, 21.0287, 3.0549



9.9093, 21.0287, 28.4477



28.8595, 21.0287, 64.7288

Complementary

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



25.0575, 21.0287, 3.0549



11.9339, 9.9872, 46.0982

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.



21.8415, 21.0287, 80.6218



25.0575, 21.0287, 3.0549



11.6115, 21.0287, 53.3416

Square

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



25.0575, 21.0287, 3.0549



10.4030, 21.0287, 11.9139



15.6515, 21.0287, 75.5909



34.1598, 21.0287, 39.1401

Rectangle

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



25.0575, 21.0287, 3.0549



14.5935, 21.0287, 3.5212



15.6515, 21.0287, 75.5909



26.5688, 21.0287, 71.8795

Sweetspot

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



25.0580, 21.0298, 3.0553



65.0001, 66.3575, 47.7847



21.3092, 10.9712, 9.7011



13.9227, 14.1139, 9.4069



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.



25.0580, 21.0298, 3.0553



43.6564, 35.3929, 4.5306



33.9048, 42.6089, 6.7542



9.4178, 9.8386, 9.5096



17.1650, 14.1064, 1.8181



0.6653, 0.6176, 0.0842

Inverse Universe

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



11.9339, 9.9872, 46.0982



20.0619, 15.6311, 82.1954



9.0083, 3.8344, 45.0648



8.8303, 9.3378, 11.4164



7.9651, 6.3899, 32.0666



0.3425, 0.3487, 1.1510

Previews

White Background



This preview shows how the XYZ color 25.0575, 21.0287, 3.0549 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 25.0575, 21.0287, 3.0549 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 25.0575, 21.0287, 3.0549

Background



This preview shows how black text looks on a background with the XYZ color 25.0575, 21.0287, 3.0549.



This preview shows how white text looks on a background with the XYZ color 25.0575, 21.0287,

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

25.0575, 21.0287, 3.0549

Protanopia

19.0262, 21.0621, 3.6349

Deuteranopia

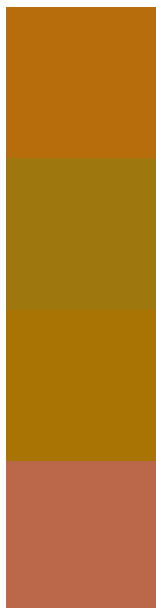
21.4144, 21.0100, 2.9267



Tritanopia

27.9075, 20.9763, 17.0459

Trichromacy



Original Color

25.0575, 21.0287, 3.0549

Protanomaly

20.9032, 20.7365, 3.3528

Deuteranomaly

22.6295, 20.9346, 2.9629

Tritanomaly

26.4026, 20.8208, 8.9306

Monochromacy



Original Color

25.0575, 21.0287, 3.0549

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.0211, 18.9096, 10.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0575, 21.0287, 3.0549 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, 109, 11)` looks like.

```
.text, #text, p{  
    color:rgb(183, 109, 11)  
}
```

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, 109, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 109, 11) }
```

Border

The CSS property to change the border of an element to XYZ 25.0575, 21.0287, 3.0549 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, 109, 11) }
```


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

```
.border{ border-color:rgb(183, 109, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 109, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 109, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 109, 11);  
box-shadow:4px 4px 4px 4px rgb(183, 109,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0575, 21.0287, 3.0549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 109, 11) }
```

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

```
.background{ background-color: rgb(183,  
109, 11) }
```

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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