

Converting Colors

XYZ(25.1988, 23.8229, 3.2702)

Have a look what the booklet for
XYZ(25.1988, 23.8229, 3.2702)
contains.

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Color

**XYZ(25.2381, 23.8973,
3.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	B07D00
RGB	176, 125, 0
RGB Percent	69%, 49%, 0%
CMY	0.3098, 0.5098, 1.0000
CMYK	0.00, 0.29, 1.00, 0.31
HSL	43°, 100%, 35%
HSV	43°, 100%, 69%
XYZ	25.2381, 23.8973, 3.2825
YIQ	125.9990, 70.5210, -28.0630

Conversions

Conversions Part 2

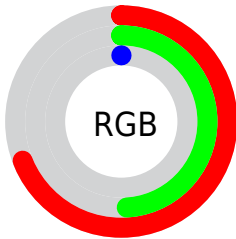
Format	Color
RYB	72, 176, 0
Decimal	11566336
CIELab	55.98, 11.09, 61.87
CIELCh	56, 62.853, 79.834
Yxy	23.8973, 0.4815, 0.4559
Android (android.graphics.Color)	4289756416 (0xFFB07D00)
YUV	125.9990, -62.1175, 43.8509
Hunter-Lab	48.8849, 6.6068, 30.2382

Details

The XYZ color **25.2381, 23.8973, 3.2825** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.0206, 5.5027, 41.6606**, and the grayscale version is **20.0197, 21.0623, 22.9368**.

A 20% lighter version of the original color is **51.3576, 49.6945, 12.3540**, and **10.0557, 9.0204, 1.2111** is the 20% darker color. If you saturate the color by 10%, you get **25.2382, 23.8977, 3.2825**, and if you desaturate by 10%, it is **26.0069, 25.2655, 4.0617**.

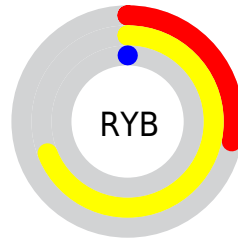
Distribution



Red (69%)

Green (49%)

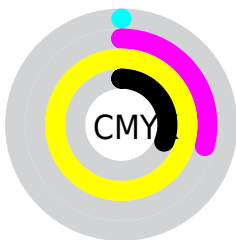
Blue (0%)



Red (28%)

Yellow (69%)

Blue (0%)

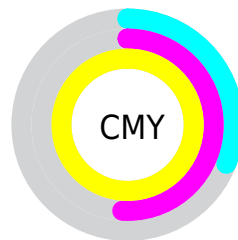


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2381, 23.8973, 3.2825 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 25.2381, 23.8973, 3.2825 by changing the saturation by 10% instead.

■ 25.2381, 23.8973,
3.2825

■ 25.2381, 23.8973,
3.2825

271.3474,
272.3009, 139.8811

■ 16.3842, 15.2575,
1.2406

■ 51.4833, 49.8626,
12.3179

■ 9.8890, 9.0003,
0.0124

■ 69.6054, 67.9568,
20.1485

■ 5.3871, 4.7414,
0.0000

■ 91.5476, 89.9712,
30.7458

■ 2.5132, 2.0963,
0.0000

■ 117.6752,
116.2903, 44.5283

■ 0.9019, 0.6626,
0.0000

■ 148.3537,
147.2984, 61.9145

■ 0.0000, 0.0000,
0.0000

■ 183.9483,

183.3799, 83.3231

224.8244,
224.9193, 109.1724

25.2381, 23.8973,
3.2825

25.2381, 23.8973,
3.2825

25.2382, 23.8977,
3.2825

26.0069, 25.2655,
4.0617

26.9034, 26.7377,
5.3494

27.9652, 28.3305,
7.3397

29.2101, 30.0519,
10.1235

30.6531, 31.9085,
13.7781

■ 32.3076, 33.9066,
18.3714

■ 34.1857, 36.0514,
23.9647

■ 36.2983, 38.3483,
30.6140

■ 38.6558, 40.8018,
38.3712

Harmonies

Analogous

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



32.8307, 23.8973, 5.9938



25.2381, 23.8973, 3.2825



18.3448, 23.8973, 3.7356

Triad

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



25.2381, 23.8973, 3.2825



12.0463, 23.8973, 41.8695



34.9788, 23.8973, 60.7535

Complementary

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



25.2381, 23.8973, 3.2825



9.0206, 5.5027, 41.6606

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.



27.7263, 23.8973, 83.7340



25.2381, 23.8973, 3.2825



14.9231, 23.8973, 69.4277

Square

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



25.2381, 23.8973, 3.2825



11.6561, 23.8973, 19.6478



20.3634, 23.8973, 87.5490



39.1891, 23.8973, 33.6397

Rectangle

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



25.2381, 23.8973, 3.2825



14.9695, 23.8973, 5.9386



20.3634, 23.8973, 87.5490



32.7524, 23.8973, 69.7115

Sweetspot

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



25.2386, 23.8985, 3.2830



61.8107, 65.1726, 42.8784



18.5426, 9.4855, 4.1985



13.0830, 13.7716, 8.3487



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.2386, 23.8985, 3.2830



45.5701, 42.9348, 5.8854



26.4761, 36.6958, 5.6879



8.9849, 9.4823, 9.0092



18.5700, 17.6386, 2.4258



0.6315, 0.6493, 0.0920

Inverse Universe

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



9.0206, 5.5027, 41.6606



16.1903, 9.6402, 75.5027



8.5367, 3.4958, 41.2988



8.2359, 8.6181, 10.7357



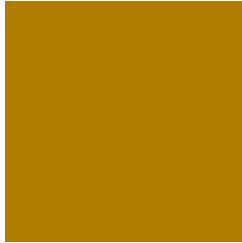
6.6629, 4.1262, 30.5823



0.2611, 0.2328, 0.9794

Previews

White Background



This preview shows how the XYZ color 25.2381, 23.8973, 3.2825 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 25.2381, 23.8973, 3.2825 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 25.2381, 23.8973, 3.2825

Background



This preview shows how black text looks on a background with the XYZ color 25.2381, 23.8973, 3.2825.



This preview shows how white text looks on a background with the XYZ color 25.2381, 23.8973,

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

25.2381, 23.8973, 3.2825

Protanopia

21.6733, 24.0275, 3.8121

Deuteranopia

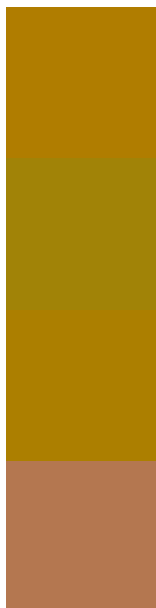
24.2967, 23.9844, 3.3489



Tritanopia

29.2385, 23.9165, 22.4774

Trichromacy



Original Color

25.2381, 23.8973, 3.2825

Protanomaly

22.8526, 23.8250, 3.5952

Deuteranomaly

24.6026, 23.9494, 3.3260

Tritanomaly

26.8672, 23.4761, 10.7047

Monochromacy



Original Color

25.2381, 23.8973, 3.2825

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.4104, 21.4302, 10.6501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2381, 23.8973, 3.2825 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(176, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 125, 0)  
}
```

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(176, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 125, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2381, 23.8973, 3.2825 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(176, 125, 0) }
```


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

```
.border{ border-color:rgb(176, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 125,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2381, 23.8973, 3.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 125, 0) }
```

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

```
.background{ background-color: rgb(176,  
125, 0) }
```

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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