

Converting Colors

XYZ(24.9492, 20.6965, 2.6799)

Have a look what the booklet for
XYZ(24.9492, 20.6965, 2.6799)
contains.

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Color

**XYZ(25.0249, 20.7057,
2.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	B86B00
RGB	184, 107, 0
RGB Percent	72%, 42%, 0%
CMY	0.2784, 0.5804, 1.0000
CMYK	0.00, 0.42, 1.00, 0.28
HSL	35°, 100%, 36%
HSV	35°, 100%, 72%
XYZ	25.0249, 20.7057, 2.6777
YIQ	117.8250, 80.2390, -16.9530

Conversions

Conversions Part 2

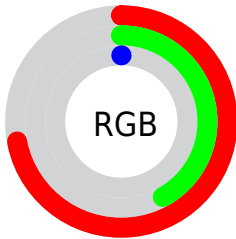
Format	Color
RYB	132, 184, 0
Decimal	12086016
CIELab	52.63, 24.66, 60.16
CIElCh	53, 65.019, 67.707
Yxy	20.7057, 0.5170, 0.4277
Android (android.graphics.Color)	4290276096 (0xFFB86B00)
YUV	117.8250, -58.0877, 58.0355
Hunter-Lab	45.5035, 18.5359, 28.3635

Details

The XYZ color **25.0249, 20.7057, 2.6777** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.3059, 8.7689, 46.4439**, and the grayscale version is **17.3244, 18.2266, 19.8487**.

A 20% lighter version of the original color is **51.3296, 44.7593, 10.7845**, and **10.0214, 7.4879, 0.9171** is the 20% darker color. If you saturate the color by 10%, you get **25.0249, 20.7061, 2.6777**, and if you desaturate by 10%, it is **25.9768, 22.4296, 3.5502**.

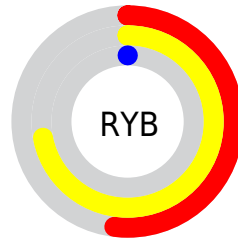
Distribution



Red (72%)

Green (42%)

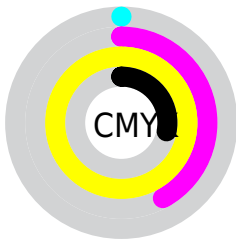
Blue (0%)



Red (52%)

Yellow (72%)

Blue (0%)

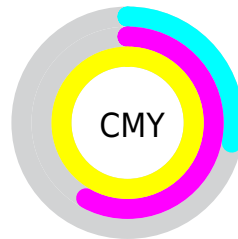


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0249, 20.7057, 2.6777 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 25.0249, 20.7057, 2.6777 by changing the saturation by 10% instead.

■ 25.0249, 20.7057,
2.6777

■ 25.0249, 20.7057,
2.6777

270.3073,
255.7103, 132.1435

■ 16.2244, 12.9090,
0.9322

■ 51.1402, 44.5972,
10.8222

■ 9.7750, 7.3659,
0.0000

■ 69.1858, 61.4609,
18.0586

■ 5.3111, 3.6920,
0.0000

■ 91.0438, 82.1157,
27.9626

■ 2.4676, 1.5028,
0.0000

■ 117.0795,
106.9460, 40.9525


■ 0.8789, 0.2907,
0.0000


■ 147.6584,
136.3362, 57.4470


■ 0.0000, 0.0000,
0.0000


■ 183.1457,


170.6707, 77.8647


 223.9069,
210.3340, 102.6240


 25.0249, 20.7057,
2.6777


 25.0249, 20.7057,
2.6777


 25.0249, 20.7061,
2.6777

 25.9768, 22.4296,
3.5502

 27.1073, 24.3414,
5.0042

 28.4582, 26.4612,
7.2483

 30.0504, 28.8003,
10.3848

 31.9018, 31.3684,
14.5004

■ 34.0285, 34.1743,
19.6714

■ 36.4448, 37.2263,
25.9666

■ 39.1642, 40.5320,
33.4487

■ 42.1990, 44.0989,
42.1759

Harmonies

Analogous

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



31.8362, 20.7057, 6.5971



25.0249, 20.7057, 2.6777



17.9905, 20.7057, 2.1299

Triad

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



25.0249, 20.7057, 2.6777



9.4177, 20.7057, 27.9059



28.7325, 20.7057, 66.5852

Complementary

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



25.0249, 20.7057, 2.6777



11.3059, 8.7689, 46.4439

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.



21.4724, 20.7057, 83.0729



25.0249, 20.7057, 2.6777



11.0950, 20.7057, 53.7735

Square

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



25.0249, 20.7057, 2.6777



9.9491, 20.7057, 11.1810



15.1563, 20.7057, 77.3820



34.2954, 20.7057, 39.7869

Rectangle

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



25.0249, 20.7057, 2.6777



14.2418, 20.7057, 3.0525



15.1563, 20.7057, 77.3820



26.3518, 20.7057, 74.0545

Sweetspot

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



25.0254, 20.7068, 2.6781



65.8317, 67.1920, 46.4429



21.2055, 10.7658, 8.4991



13.7853, 13.9765, 8.9377



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.



25.0254, 20.7068, 2.6781



45.1231, 37.0522, 4.7735



34.0953, 43.0214, 6.5072



9.4267, 9.8563, 9.5125



17.3182, 14.4128, 1.8692



0.6702, 0.6275, 0.0858

Inverse Universe

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



11.3059, 8.7689, 46.4439



20.2703, 15.4467, 84.1178



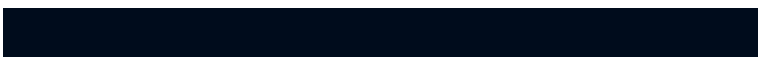
8.8073, 3.5410, 45.5665



8.8216, 9.3205, 11.4135



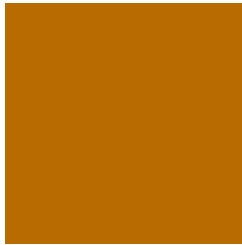
7.8583, 6.1763, 32.0310



0.3385, 0.3407, 1.1497

Previews

White Background



This preview shows how the XYZ color 25.0249, 20.7057, 2.6777 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 25.0249, 20.7057, 2.6777 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 25.0249, 20.7057, 2.6777

Background



This preview shows how black text looks on a background with the XYZ color 25.0249, 20.7057, 2.6777.



This preview shows how white text looks on a background with the XYZ color 25.0249, 20.7057,

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

25.0249, 20.7057, 2.6777

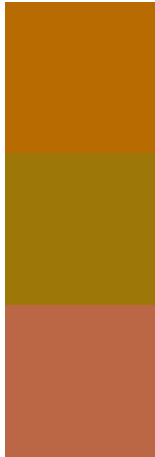
Protanopia

18.8240, 20.9612, 3.4693

Tritanopia

27.8547, 20.6766, 16.4328

Trichromacy



Original Color

25.0249, 20.7057, 2.6777

Protanomaly

20.6704, 20.6208, 3.1492

Tritanomaly

26.2883, 20.4849, 8.0373

Monochromacy



Original Color

25.0249, 20.7057, 2.6777

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.4426, 18.2934, 9.2156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0249, 20.7057, 2.6777 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(184, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 107, 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(184, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 107, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.0249, 20.7057, 2.6777 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(184, 107, 0) }
```

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

```
.border{ border-color:rgb(184, 107, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 107,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 25.0249, 20.7057, 2.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 107, 0) }
```

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

```
.background{ background-color: rgb(184,  
107, 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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