

Converting Colors

XYZ(25.6627, 21.2110, 2.7416)

Have a look what the booklet for
XYZ(25.6627, 21.2110, 2.7416)
contains.

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Color

**XYZ(25.6123, 21.1642,
2.7352)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6C00
RGB	186, 108, 0
RGB Percent	73%, 42%, 0%
CMY	0.2706, 0.5764, 1.0000
CMYK	0.00, 0.42, 1.00, 0.27
HSL	35°, 100%, 36%
HSV	35°, 100%, 73%
XYZ	25.6123, 21.1642, 2.7352
YIQ	119.0100, 81.1560, -17.0520

Conversions

Conversions Part 2

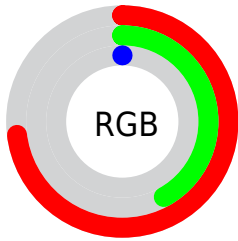
Format	Color
RYB	134, 186, 0
Decimal	12217344
CIELab	53.13, 24.98, 60.61
CIElCh	53, 65.561, 67.598
Yxy	21.1642, 0.5173, 0.4275
Android (android.graphics.Color)	4290407424 (0xFFBA6C00)
YUV	119.0100, -58.6719, 58.7502
Hunter-Lab	46.0046, 18.8690, 28.6781

Details

The XYZ color **25.6123, 21.1642, 2.7352** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.5875, 8.9942, 47.5795**, and the grayscale version is **17.7005, 18.6223, 20.2797**.

A 20% lighter version of the original color is **52.2363, 45.4797, 11.0263**, and **10.2200, 7.6673, 0.9413** is the 20% darker color. If you saturate the color by 10%, you get **25.6124, 21.1647, 2.7353**, and if you desaturate by 10%, it is **26.5868, 22.9306, 3.6234**.

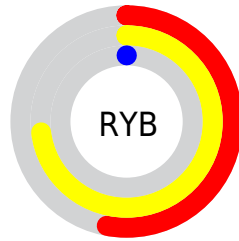
Distribution



Red (73%)

Green (42%)

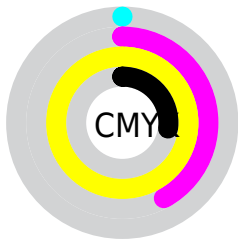
Blue (0%)



Red (53%)

Yellow (73%)

Blue (0%)

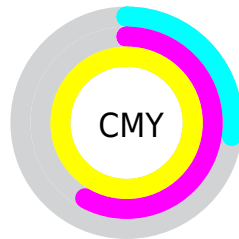


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6123, 21.1642, 2.7352 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 25.6123, 21.1642, 2.7352 by changing the saturation by 10% instead.

■ 25.6123, 21.1642,
2.7352

■ 25.6123, 21.1642,
2.7352

273.1654,
258.1498, 132.9131

■ 16.6650, 13.2441,
0.9611

■ 52.0846, 45.3606,
10.9677

■ 10.0897, 7.5968,
0.0000

■ 70.3403, 62.4058,
18.2632

■ 5.5212, 3.8381,
0.0000

■ 92.4295, 83.2613,
28.2362

■ 2.5941, 1.5834,
0.0000

■ 118.7175,
108.3118, 41.3053

■ 0.9429, 0.3464,
0.0000

■ 149.5698,
137.9414, 57.8890

■ 0.0000, 0.0000,
0.0000

■ 185.3516,

172.5347, 78.4058

226.4284,
212.4761, 103.2743

25.6123, 21.1642,
2.7352

25.6123, 21.1642,
2.7352

25.6124, 21.1647,
2.7353

26.5868, 22.9306,
3.6234

27.7450, 24.8904,
5.1094

29.1294, 27.0642,
7.4053

30.7616, 29.4634,
10.6164

32.6600, 32.0982,
14.8317

■ 34.8411, 34.9776,
20.1297

■ 37.3196, 38.1101,
26.5810

■ 40.1094, 41.5036,
34.2500

■ 43.2231, 45.1657,
43.1964

Harmonies

Analogous

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



32.5768, 21.1642, 6.7583



25.6123, 21.1642, 2.7352



18.4108, 21.1642, 2.1673

Triad

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



25.6123, 21.1642, 2.7352



9.6162, 21.1642, 28.4472



29.3534, 21.1642, 68.2120

Complementary

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



25.6123, 21.1642, 2.7352



11.5875, 8.9942, 47.5795

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.



21.9233, 21.1642, 85.0246



25.6123, 21.1642, 2.7352



11.3231, 21.1642, 54.9033

Square

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



25.6123, 21.1642, 2.7352



10.1678, 21.1642, 11.3778



15.4682, 21.1642, 79.1124



35.0585, 21.1642, 40.7865

Rectangle

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



25.6123, 21.1642, 2.7352



14.5703, 21.1642, 3.1025



15.4682, 21.1642, 79.1124



26.9156, 21.1642, 75.8423

Sweetspot

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



25.6128, 21.1653, 2.7356



67.4065, 68.7820, 47.5433



21.7201, 11.0274, 8.6906



14.4125, 14.6067, 9.3308



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.6128, 21.1653, 2.7356



46.1793, 37.8725, 4.8762



34.9254, 44.0705, 6.6659



9.4260, 9.8550, 9.5123



17.3067, 14.3898, 1.8653



0.6698, 0.6267, 0.0857

Inverse Universe

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



11.5875, 8.9942, 47.5795



20.7753, 15.8473, 86.1653



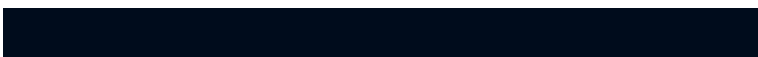
9.0203, 3.6264, 46.6787



8.8223, 9.3218, 11.4137



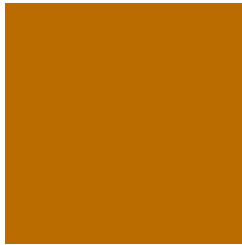
7.8661, 6.1920, 32.0336



0.3388, 0.3413, 1.1498

Previews

White Background



This preview shows how the XYZ color 25.6123, 21.1642, 2.7352 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 25.6123, 21.1642, 2.7352 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 25.6123, 21.1642, 2.7352

Background



This preview shows how black text looks on a background with the XYZ color 25.6123, 21.1642, 2.7352.



This preview shows how white text looks on a background with the XYZ color 25.6123, 21.1642,

2.7352.

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

25.6123, 21.1642, 2.7352

Protanopia

19.3070, 21.4021, 3.5654

Deuteranopia

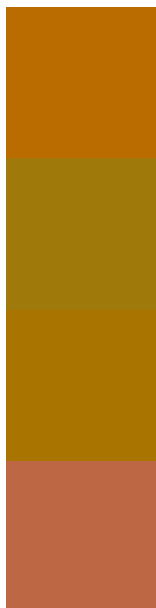
21.5353, 21.2518, 2.9670



Tritanopia

28.4992, 21.1442, 16.7665

Trichromacy



Original Color

25.6123, 21.1642, 2.7352

Protanomaly

21.1902, 21.0676, 3.2368

Deuteranomaly

22.8230, 21.0368, 2.8576

Tritanomaly

26.9107, 20.9490, 8.2554

Monochromacy



Original Color

25.6123, 21.1642, 2.7352

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.7629, 18.6229, 9.4431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6123, 21.1642, 2.7352 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(186, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 108, 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(186, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 108, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.6123, 21.1642, 2.7352 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(186, 108, 0) }
```


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

```
.border{ border-color:rgb(186, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 108,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6123, 21.1642, 2.7352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 108, 0) }
```

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

```
.background{ background-color: rgb(186,  
108, 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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