

Converting Colors

XYZ(25.3966, 20.0064, 2.5233)

Have a look what the booklet for
XYZ(25.3966, 20.0064, 2.5233)
contains.

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Color

**XYZ(25.3927, 19.9987,
2.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6500
RGB	188, 101, 0
RGB Percent	74%, 40%, 0%
CMY	0.2627, 0.6039, 1.0000
CMYK	0.00, 0.46, 1.00, 0.26
HSL	32°, 100%, 37%
HSV	32°, 100%, 74%
XYZ	25.3927, 19.9987, 2.5218
YIQ	115.4990, 84.2730, -12.9670

Conversions

Conversions Part 2

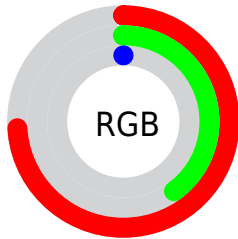
Format	Color
RYB	162, 188, 0
Decimal	12346624
CIELab	51.84, 29.63, 59.95
CIELCh	52, 66.873, 63.697
Yxy	19.9987, 0.5300, 0.4174
Android (android.graphics.Color)	4290536704 (0xFFBC6500)
YUV	115.4990, -56.9410, 63.5834
Hunter-Lab	44.7199, 23.0954, 27.9605

Details

The XYZ color **25.3927, 19.9987, 2.5218** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.4852, 10.4471, 48.9350**, and the grayscale version is **16.5984, 17.4628, 19.0170**.

A 20% lighter version of the original color is **51.7128, 43.4653, 10.3667**, and **10.1301, 7.0452, 0.8259** is the 20% darker color. If you saturate the color by 10%, you get **25.3928, 19.9992, 2.5219**, and if you desaturate by 10%, it is **26.3990, 21.8260, 3.4289**.

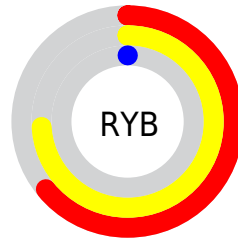
Distribution



Red (74%)

Green (40%)

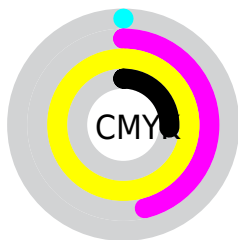
Blue (0%)



Red (64%)

Yellow (74%)

Blue (0%)

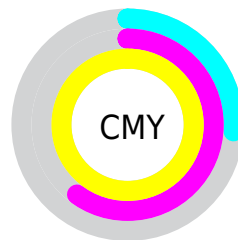


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (60%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3927, 19.9987, 2.5218 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 25.3927, 19.9987, 2.5218 by changing the saturation by 10% instead.


 25.3927, 19.9987,
2.5218


 25.3927, 19.9987,
2.5218


272.0997,
251.9081, 130.0154


 16.5002, 12.3941,
0.8517


 51.7319, 43.4150,
10.4237


 9.9719, 7.0127,
0.0000


 69.9093, 59.9955,
17.4969

 5.4424, 3.4700,
0.0000

 91.9123, 80.3367,
27.2096

 2.5465, 1.3818,
0.0000

 118.1063,
104.8231, 39.9805

 0.9188, 0.2032,
0.0000

 148.8567,
133.8391, 56.2279

 0.0000, 0.0000,
0.0000

 184.5289,

167.7689, 76.3705

225.4881,
206.9971, 100.8269

25.3927, 19.9987,
2.5218

25.3927, 19.9987,
2.5218

25.3928, 19.9992,
2.5219

26.3990, 21.8260,
3.4289

27.6086, 23.8812,
4.9549

29.0655, 26.1866,
7.3162

30.7925, 28.7553,
10.6210

32.8092, 31.5990,
14.9610

■ 35.1331, 34.7283,
20.4170

■ 37.7800, 38.1530,
27.0616

■ 40.7646, 41.8823,
34.9612

■ 44.1004, 45.9251,
44.1774

Harmonies

Analogous

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



32.0543, 19.9987, 6.9313



25.3927, 19.9987, 2.5218



18.1796, 19.9987, 1.7244

Triad

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



25.3927, 19.9987, 2.5218



8.7378, 19.9987, 24.2734



27.2007, 19.9987, 69.9769

Complementary

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



25.3927, 19.9987, 2.5218



12.4852, 10.4471, 48.9350

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.



19.8616, 19.9987, 84.3602



25.3927, 19.9987, 2.5218



10.0913, 19.9987, 49.7659

Square

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



25.3927, 19.9987, 2.5218



9.5499, 19.9987, 9.0635



13.7950, 19.9987, 75.3537



33.2606, 19.9987, 42.8735

Rectangle

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



25.3927, 19.9987, 2.5218



14.2337, 19.9987, 2.3550



13.7950, 19.9987, 75.3537



24.7462, 19.9987, 77.0081

Sweetspot

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



25.3931, 19.9998, 2.5222



68.2200, 68.8276, 48.3977



22.4895, 11.3916, 10.1888



14.2223, 14.2263, 9.2674



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.



25.3931, 19.9998, 2.5222



45.7727, 35.7490, 4.4878



37.2115, 45.8787, 6.8944



9.9432, 10.3624, 10.0527



17.3640, 13.7667, 1.7421



0.7450, 0.6689, 0.0898

Inverse Universe

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



12.4852, 10.4471, 48.9350



22.3874, 18.4533, 88.6081



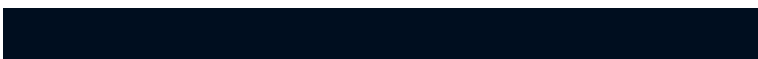
9.1556, 3.6714, 47.8026



9.3705, 9.9334, 12.0957



8.5733, 7.2583, 33.3420



0.4013, 0.4152, 1.3279

Previews

White Background



This preview shows how the XYZ color 25.3927, 19.9987, 2.5218 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 25.3927, 19.9987, 2.5218 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 25.3927, 19.9987, 2.5218

Background



This preview shows how black text looks on a background with the XYZ color 25.3927, 19.9987, 2.5218.



This preview shows how white text looks on a background with the XYZ color 25.3927, 19.9987,

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

25.3927, 19.9987, 2.5218

Protanopia

18.2424, 20.2801, 3.4432

Deuteranopia

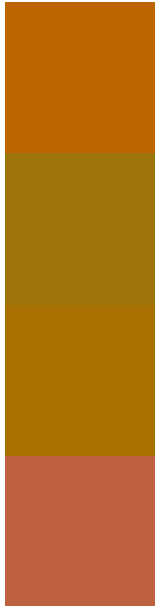
20.3831, 20.1250, 2.8102



Tritanopia

27.8375, 20.0214, 14.7092

Trichromacy



Original Color

25.3927, 19.9987, 2.5218

Protanomaly

20.2048, 19.6808, 3.0210

Deuteranomaly

21.9426, 19.9132, 2.6871

Tritanomaly

26.4353, 19.8667, 7.2919

Monochromacy



Original Color

25.3927, 19.9987, 2.5218

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.0758, 17.6141, 8.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3927, 19.9987, 2.5218 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(188, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 101, 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(188, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 101, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3927, 19.9987, 2.5218 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(188, 101, 0) }
```


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

```
.border{ border-color:rgb(188, 101, 0) }
```

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

Here you see how a box with a 4 pixel rgb(188, 101, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 101,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3927, 19.9987, 2.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 101, 0) }
```

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

```
.background{ background-color: rgb(188,  
101, 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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