

Converting Colors

XYZ(22.8168, 16.8874, 2.8348)

Have a look what the booklet for
XYZ(22.8168, 16.8874, 2.8348)
contains.

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Color

**XYZ(22.9259, 16.9825,
2.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	B65816
RGB	182, 88, 22
RGB Percent	71%, 35%, 9%
CMY	0.2863, 0.6549, 0.9137
CMYK	0.00, 0.52, 0.88, 0.29
HSL	25°, 78%, 40%
HSV	25°, 88%, 71%
XYZ	22.9259, 16.9825, 2.8287
YIQ	108.5820, 77.2100, -0.5980

Conversions

Conversions Part 2

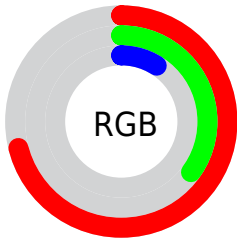
Format	Color
R_{YB}	182, 134, 22
Decimal	11950102
CIE Lab	48.24, 34.35, 51.52
CIE LCh	48, 61.925, 56.304
Yxy	16.9825, 0.5364, 0.3974
Android (android.graphics.Color)	4290140182 (0xFFB65816)
YUV	108.5820, -42.6849, 64.3876
Hunter-Lab	41.2098, 27.1861, 24.7771

Details

The XYZ color **22.9259, 16.9825, 2.8287** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.0192, 16.0377, 46.5594**, and the grayscale version is **14.5197, 15.2759, 16.6354**.

A 20% lighter version of the original color is **47.8889, 38.4703, 11.2048**, and **8.7516, 5.5886, 0.6175** is the 20% darker color. If you saturate the color by 10%, you get **21.9880, 15.3052, 1.9045**, and if you desaturate by 10%, it is **24.1109, 18.9662, 4.4157**.

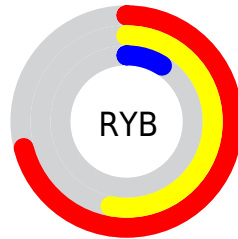
Distribution



Red (71%)

Green (35%)

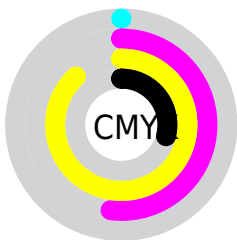
Blue (9%)



Red (71%)

Yellow (53%)

Blue (9%)

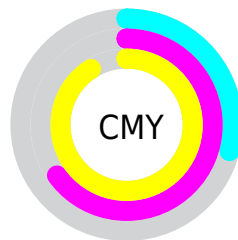


Cyan (0%)

Magenta (52%)

Yellow (88%)

Black (29%)



Cyan (29%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9259, 16.9825, 2.8287 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 22.9259, 16.9825, 2.8287 by changing the saturation by 10% instead.

■ 22.9259, 16.9825,
2.8287

■ 22.9259, 16.9825,
2.8287

259.8866,
235.0715, 134.1481

■ 14.6592, 10.2220,
1.0078

■ 47.7392, 38.2957,
11.2027

■ 8.6653, 5.5464,
0.0000

■ 65.0165, 53.6172,
18.5930

■ 4.5789, 2.5713,
0.0000

■ 86.0280, 72.5611,
28.6768

■ 2.0346, 0.9123,
0.0000

■ 111.1391, 95.5119,
41.8727

■ 0.6533, 0.0000,
0.0000

■ 140.7152,
122.8540, 58.5993

■ 0.0000, 0.0000,
0.0000

■ 175.1215,

154.9716, 79.2750

214.7236,
192.2494, 104.3184

22.9259, 16.9825,
2.8287

22.9259, 16.9825,
2.8287

21.9880, 15.3052,
1.9045

24.1109, 18.9662,
4.4157

21.8127, 14.9881,
1.7433

25.5755, 21.2753,
6.8155

27.3431, 23.9279,
10.1253

29.4337, 26.9395,
14.4280

31.8656, 30.3247,
19.7973

■ 34.6555, 34.0968,
26.2995

■ 37.8186, 38.2687,
33.9958

■ 41.3696, 42.8525,
42.9427

■ 45.3220, 47.8596,
53.1932

Harmonies

Analogous

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



27.9263, 16.9825, 7.8709



22.9259, 16.9825, 2.8287



16.8496, 16.9825, 1.5972

Triad

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



22.9259, 16.9825, 2.8287



7.5666, 16.9825, 16.5629



21.4318, 16.9825, 62.5598

Complementary

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



22.9259, 16.9825, 2.8287



15.0192, 16.0377, 46.5594

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.



15.4533, 16.9825, 69.9235



22.9259, 16.9825, 2.8287



8.2493, 16.9825, 35.9218

Square

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



22.9259, 16.9825, 2.8287



8.7036, 16.9825, 6.0695



10.8478, 16.9825, 58.1613



26.9323, 16.9825, 41.5875

Rectangle

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



22.9259, 16.9825, 2.8287



13.2879, 16.9825, 1.8397



10.8478, 16.9825, 58.1613



19.3765, 16.9825, 67.0918

Sweetspot

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



22.9263, 16.9834, 2.8290



63.6311, 62.8843, 49.5949



22.8482, 11.8269, 18.2183



13.6445, 13.3420, 9.9784



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.



22.9263, 16.9834, 2.8290



39.3272, 26.7344, 3.0875



33.0721, 37.2751, 6.2109



9.3008, 9.6045, 9.4705



15.4663, 10.7091, 1.2519



0.6066, 0.5003, 0.0646

Inverse Universe

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



15.0192, 16.0377, 46.5594



24.5867, 24.6806, 83.7037



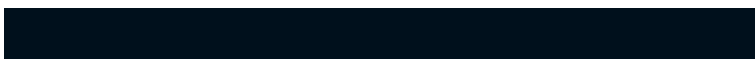
9.4675, 4.9344, 44.7088



8.9477, 9.5725, 11.4555



9.7364, 9.9325, 32.6571



0.4027, 0.4690, 1.1711

Previews

White Background



This preview shows how the XYZ color 22.9259, 16.9825, 2.8287 looks on a white 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

Black Background



This preview shows how the XYZ color 22.9259, 16.9825, 2.8287 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9259, 16.9825, 2.8287

Background



This preview shows how black text looks on a background with the XYZ color 22.9259, 16.9825, 2.8287.



This preview shows how white text looks on a background with the XYZ color 22.9259, 16.9825,

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

22.9259, 16.9825, 2.8287

Protanopia

15.4058, 17.0173, 3.6351

Deuteranopia

17.3227, 17.0483, 2.3776



Tritanopia

24.5459, 16.9295, 11.2065

Trichromacy



Original Color

22.9259, 16.9825, 2.8287

Protanomaly

17.4508, 16.4736, 3.2373

Deuteranomaly

18.9956, 16.6958, 2.4512

Tritanomaly

23.6242, 16.7781, 6.8439

Monochromacy



Original Color

22.9259, 16.9825, 2.8287

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.1466, 15.0774, 9.0804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9259, 16.9825, 2.8287 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(182, 88, 22)` looks like.

```
.text, #text, p{  
    color:rgb(182, 88, 22)  
}
```

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(182, 88, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 88, 22) }
```

Border

The CSS property to change the border of an element to XYZ 22.9259, 16.9825, 2.8287 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(182, 88, 22) }
```


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

```
.border{ border-color:rgb(182, 88, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 88, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 88, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 88, 22);  
box-shadow:4px 4px 4px 4px rgb(182, 88,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9259, 16.9825, 2.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 88, 22) }
```

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

```
.background{ background-color: rgb(182, 88,  
22) }
```

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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